

Samsung GALAXY Note® 8.0

4 G L T E T A B L E T

User Manual

Please read this manual before operating your
tablet, and keep it for future reference.



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Section 1: Getting Started

This section helps you to quickly start using your device.

Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 190. Also included is important safety information, beginning on page 157, that you should know before using your device.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the device. For more information, refer to *“Locking and Unlocking the Touch Screen”* on page 13.

Note: Instructions in this manual are based on default settings and may vary from your device depending on the software version on your device and any changes to the device's settings.

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary depending on the software version of your device and any changes to the device's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Notes:** Presents alternative options for the current feature, menu, or sub-menu.
- **Tips:** Provides quick or innovative methods or useful shortcuts.
- **Important:** Points out important information about the current feature that could affect performance.
- **Warning:** Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps:

- Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

From a Home screen, touch  Apps →  Settings
→ Display → Screen timeout.

Battery

Your device is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) are included with the device for charging the battery.

Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time.

After the first charge, you can use the device while charging.

Warning! Use only approved charging devices. Approved accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Battery Indicator

The Battery icon  in the Status Bar shows the battery power level. When battery power is 15% or less, your device prompts you to charge the battery. If you continue to operate the device without charging, the device powers off. For battery use information, see “About Device” on page 155.

Tip: Touch the Time field to display battery charge status.

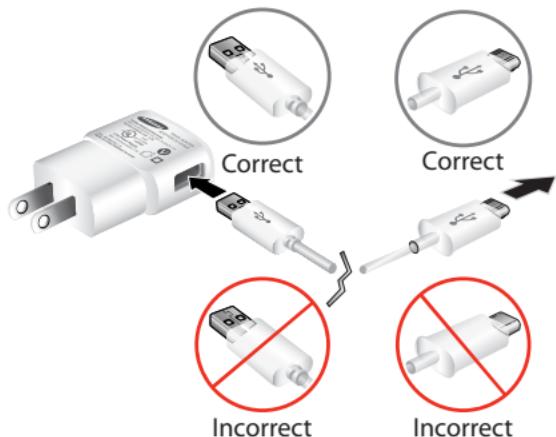
Charging the Battery

Your device comes with a Wall/USB Charger (Outlet Connector, Charging Head, and USB cable) to charge your device from any standard AC power outlet.

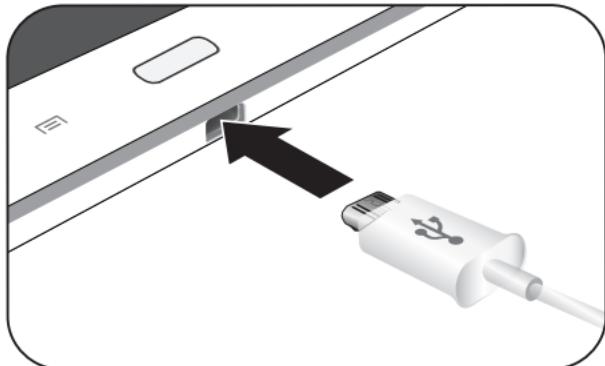
Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time.

After the first charge, you can use the device while charging.

1. Insert the USB cable into the Charging Head (1).



2. Insert the USB cable into the device's Charger/Accessory Port (2).



3. Plug the Charging Head into a standard AC power outlet.

Warning! While the device is charging, if the touch screen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the device.

- When charging is complete, unplug the Charging Head from the power outlet and remove the USB cable from the device.

Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

Important! The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

- Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place. The illustration shows the screen facing up.

- Make sure that the card's gold contacts face downward and that the notched corner of the card goes in first.



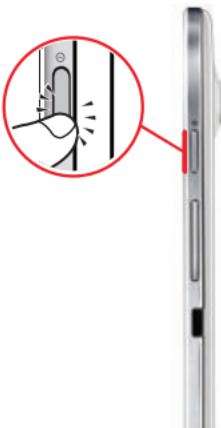
Note: If the card is not inserted correctly, the device will not detect the SIM card. Re-orient the card back into the slot if the SIM is not detected.

Turning Your Device On and Off

Turning Your Device On

- Press and hold the **Power/Lock Key** 

Note: Your device's internal antenna is located along the top back of the device. Do not block the antenna; doing so may affect signal quality and may cause the device to operate at a higher power level than is necessary. For more information, refer to "GPS Applications" on page 91.



Setting Up Your Device

When you first turn on your device, you are asked to set up a few things. To do that, the following screens display. Some screens can be skipped (touch **Skip**) or re-displayed (touch **Back**). Some screens display depending on the options you choose.

- When you first turn on your tablet, the **Let's set up your device!** screen displays.
- The default language for your tablet is English. If you would like to select Spanish, tap **Español** on the bottom right-hand side of the screen.
- Tap **Terms & Conditions**, read the End User License Agreement for Ready2Go, then tap **Back**.
- Tap **get started**.

– or –

Touch **Remind Later** to set up your tablet later. You can access Ready2Go by tapping **Applications**  → **AT&T Ready2Go** .

- Read and follow the instructions on each screen to set up your tablet.

Creating a New Google Account

In order to utilize your device to the fullest extent, you will need to create a Google™ Account when you first use your device. With a Google Account, Google applications will always be in sync between your tablet and computer.

If you did not create a new account during the setup procedure when you first turned your tablet on, follow these steps:

1. From the Home screen, tap → . The **Add a Google Account** screen displays.
2. Tap **New** to create a new Google account.
– or –
If you already have a Google account, tap **Existing** to sign in and add the account to your tablet.
3. Follow the on-screen instructions to add a Google Account.

Note: Once you have created a Google account, you only need to sign in.

Creating a Samsung Account

An active Samsung account is required to begin accessing applications such as ChatON and Samsung Hub. If you did not create a Samsung account when you first set up your tablet, follow these steps:

1. From the home screen, tap → → **Add account**.
2. Tap **Samsung account**.
3. Tap **Create new account**.
4. Select your Country or region..
5. Tap **Terms and conditions** to read them and tap .
6. Tap **Privacy policy** to read it and tap .
7. Tap the **I accept all the terms above** checkbox.
8. Tap **Agree**.
9. Enter the required information and tap **Sign up**.
You Samsung account is created.

Retrieving Your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

1. From your computer, use an Internet browser to navigate to <http://google.com/accounts>.
2. Once the URL loads, click on the **Can't access your account?** link and follow the on-screen instructions.

Memory Card

Your device supports removable microSD or microSDHC memory cards with maximum capacities of 64 GB (depending on the memory card manufacturer and type). Memory cards are used to store music, photos, videos, and other files.

Installing a Memory Card

1. Open the Memory Card Slot cover and turn to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot, pushing gently until it clicks into place.

3. Replace the Memory Card Slot cover.



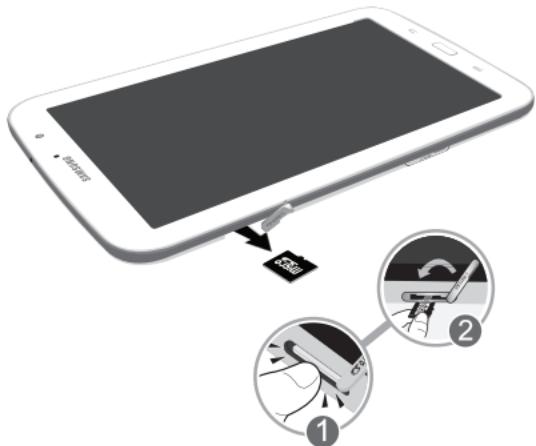
Removing a Memory Card

Important! To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, touch Apps → Settings → Storage.
2. Under SD card, touch Unmount SD card and then touch OK.

3. Open the Memory Card Slot cover and turn to expose the slot.
4. Gently press down on the memory card (1), so that it pops out from the slot, and carefully pull the card out (2).
5. Replace the Memory Card Slot cover.

For more information, refer to “*Memory Card*” on page 32.



Locking and Unlocking the Touch Screen

1. Press to lock the touch screen.
2. Press again to display the lock screen then swipe your finger across the screen to unlock.

Note: Swipe is the default screen locking method. To change your screen lock, see “*Screen Lock*” on page 135.

Tip: From the Lock screen, touch and swipe one of the app shortcut icons to launch that application.

Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to reset the device to regain functionality.

- If your device is frozen and unresponsive, press and hold the **Power/Lock Key** for 8 to 10 seconds.

Section 2: Understanding Your Device

This section outlines key features of your device and describes the screen and the icons that appear when the device is in use. It also shows how to navigate through the device.

Features

- 8.0-inch WXGA (1280x800) TFT (PLS) LCD touch screen
- Android Version 4.1.2
- 4G Network with 1.6 GHz quad-core processor
- Full HTML Web Browser
- Bluetooth 4.0 Wireless technology. For more information, refer to “*Bluetooth*” on page 122.
- Built-in Wi-Fi technology (802.11 a/b/g/n/h)
- 5 Megapixel camera and camcorder, plus 1.3 Megapixel forward-facing camera for video chat
- Full integration of Google applications (Gmail, YouTube, Google Maps, and Voice Search)
- Photo Gallery that supports GIF, AGIF, JPEG, PNG, BMP, WBMP, and WEBP formats
- Messaging includes Gmail, Email (corporate and personal), Google Talk (Instant Messaging), Google+, and Messenger
- HD Video Player (1080p)
- DivX Certified® to play DivX® video up to HD 720p, including premium content
- Supports HDMI/MHL connections to connect electronic devices to high-definition televisions (HDTVs) and displays.
- Music player that supports MP3, AAC/AAC+/EAAC+, WMA, OGG (vorbis), FLAC, AC-3
- 2 GB RAM memory and 16GB on-board memory, which is used for data storage and access
- Supports up to 64GB microSD and microSDHC Memory Cards
- S Pen for writing and playing games
- Preloaded applications such as Google Play Books, Google Play Store, Music Hub, and Polaris Office. For more information, refer to “*More Application Information*” on page 32.

Front View

The following items can be found on the front of your device as illustrated.

- 1. External Speakers:** Used in music or video playback, notification tones, and for other sounds.
- 2. Light Sensor:** Used to control screen brightness automatically and when taking photos with the front-facing Camera.
- 3. Front-facing Camera Lens:** Used when taking photos or recording videos.
- 4. Display Screen:** The orientation of the display screen rotates with the tablet as you turn it. You can turn this feature on and off. For more information, refer to “*System Accessibility*” on page 151.



Back View

1. **3.5mm Headset Jack:** Plug in for headphones.
2. **Power/Lock Key:** Press and hold to turn the device on or off. Press to lock the device or to wake the screen for unlocking.
3. **Volume Key:** From a Home screen, press to adjust Master Volume. During music playback, press to adjust volume.
4. **Infrared Blaster:** Used to emit infrared signals used for controlling external devices. For more information, refer to “*WatchOn*” on page 115.
5. **S Pen:** A built-in stylus that allows you to perform various functions. For more information, refer to “*S Pen*” on page 20.
6. **Charger/Accessory Port:** Plug in a USB cable for charging or to sync music and files.
7. **SIM Card Slot:** Install your SIM card here.
8. **Memory Card Slot:** Install a memory card for storage of files.
9. **Camera Lens:** Used when taking photos or recording videos.



Home Screen

The Home screen is the starting point for using your device.

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.



1. **Widgets:** Applications that run on the Home screen. Some widgets are found on the Home screen by default. For more information, refer to “*Widgets*” on page 27.
2. **AT&T AllAccess:** Allows you to view and manage your AT&T data plan.
3. **Home screen:** The starting point for using your device. Place shortcuts, widgets, and other items to customize your device to your needs.
4. **App Shortcuts:** Shortcuts to common applications. For more information, refer to “*App Shortcuts*” on page 28.
5. **Primary Shortcuts:** Shortcuts to common features. These shortcuts are found on the Home screen by default. For more information, refer to “*Primary Shortcuts*” on page 27.
6. **Apps:** Display the Apps screen.
7. **Current screen indicator:** Indicates which Home screen is being displayed. For more information, refer to “*Extended Home Screen*” on page 18.
8. **Time:** Displays the current time.

9. **Status Icons:** Indicate the status of your tablet. For more information, refer to “*Status Bar*” on page 26.

Extended Home Screen

The Home screen consists of the Home panel, plus four panels that extend beyond the display width to provide more space for adding shortcuts and widgets.

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the top of the display shows your current position.

Note: The center panel displays when you touch  **Home**.

Customizing the Home Screens

To customize the Home screens to suit your preferences:

1. Navigate to one of the Home screen panels.
2. Touch and hold on the screen until the **Home screen** pop-up displays.
– or –

Use the S Pen to touch and hold on the screen until the **Home screen** pop-up displays.

3. Touch **Set wallpaper** to change the Home screen wallpaper. For more information, refer to “*Wallpapers*” on page 29.
4. Under **Add to Home screen** touch:
 - **Apps and widgets** to add app or widget shortcuts on the Home screen.
 - **Folder** to add a folder on a Home screen. For more information, refer to “*Folders*” on page 28.
 - **Page** to add a Home screen.

Display Settings

You can customize display screen settings to your preferences. For more information, refer to “*Display*” on page 130.

Adding and Removing Home Screen Panels

Your device comes with seven Home screen panels. You can customize the Home screen by removing or adding panels.

Note: The panel in the center position displays when you touch  **Home**.

- From a Home screen, pinch the screen from the left and right side to the center to display the editing screen.

Tip: Touch and hold on the screen until the **Home screen** pop-up displays. Under **Add to Home screen**, touch **Page** to add a Home screen.



- Use these controls to configure panels:



Remove: Touch and drag a panel to the Trash Can to remove the panel from the Home screen. It will turn red.



Add: Touch to add a new panel, up to a total of seven. This option is available when less than seven panels have been added.



Default Home Page: Touch the Home icon at the upper right corner of a panel to set it as the default home screen.

- To rearrange the order of panels, touch and drag a panel to a new location.
- Touch **Back** to return to the Home screen

Navigating Your Device

Use command buttons and the touch screen to navigate.

Command Buttons

Back

Touch **Back** to return to the previous screen, option, or step.

- Touch an option in the list.

Application Bar

The Application Bar is the area along the top of various application screens. It usually contains the Search and Menu icons, as well as other icons that are used to display options and settings.

Screen Navigation

Touch

Touch items to select or launch them. For example:

- Touch the on-screen keyboard to enter characters or text.
- Touch a menu item to select it.
- Touch an application's icon to launch the application.

Touch and Hold

Activate on-screen items. For example:

- Touch and hold a widget on the home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe, Flick, or Slide

Swipe, flick, or slide your finger vertically or horizontally across the screen. For example:

- Unlocking the screen.
- Scrolling the Home screens or a menu.

Pinch

Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out.



For example:

- Pinch a photo in Gallery to zoom in.
- Pinch a webpage to zoom in or out.

S Pen

The S Pen is a stylus that assists you in performing different functions. By using the Pen button, you can minimize having to switch between touch and pen input.



- Pen button:** by pressing the Pen button, you can add functionality to the S Pen. For more information, refer to “*Using the S Pen*” on page 21.
- Stylus tip:** the tip of the S Pen is used for tapping the screen.

S Pen Settings

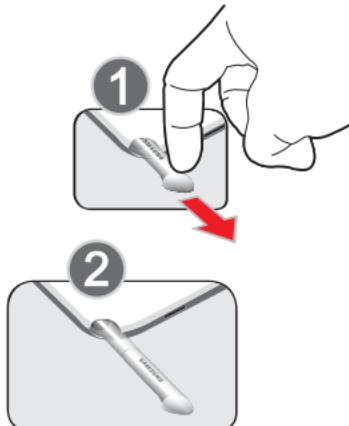
There are several settings available that control the behavior of the S Pen. For more information, refer to “*S Pen*” on page 148.

Removing the S Pen From Your Device

The S Pen is conveniently stored in your device to make it easy to find.

To remove the S Pen, follow these steps:

- Locate the S Pen at the lower right corner of the device. Use your fingernail or a sharp object to pull the end of the S Pen out of the device.(1)



- Pull the S Pen out of the device (2).

Using the S Pen

There are several different functions you can perform by using the S Pen.

S Pen Screen Operations

The S Pen can be used for various screen operations.

- Touch a command button, such as Back, or icons, such as Apps or Email, with the S Pen instead of your finger. The result is the same.

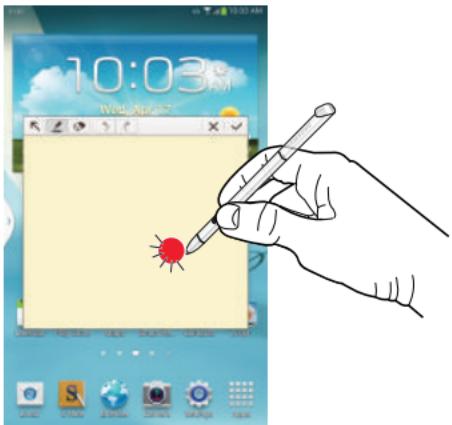
- To sweep to the next screen, touch and drag the screen to the left or right.

Launch Popup Note Mini App

To take quick notes or jot down ideas, you can launch the Popup Note Mini App from the default menu of shortcuts that displays when you remove the S Pen from your device. You can also launch the Popup Note Mini App from any screen with the S Pen.

To open the Popup Note Mini App:

- Hold the S Pen button and double-tap the screen.



Tip: Touch to launch the S Note app. For information on using your S Pen with the S Note app, see “*S Note*” on page 110.

S Pen Screen Capture

To capture a screen image, hold the S Pen button and press and hold the S Pen anywhere on the screen. Files are saved in the **Screenshots** folder. For more information, refer to “*S Pen Screen Capture*” on page 22.



Notifications

When you receive a notification, the Notification icon displays in the System Bar, to the left of the Time. Notifications indicate the arrival of Gmail, Email, alarms, and more.

Status Details

To display the current date and time, battery status, and Wi-Fi connectivity status, open Status Details.

1. Tap and swipe down the top of the screen to see the Quick Settings, Recommended shortcuts using your S Pen and any notifications.

Note: Recommended shortcuts for your S Pen are only displayed when the S Pen is removed from your tablet.

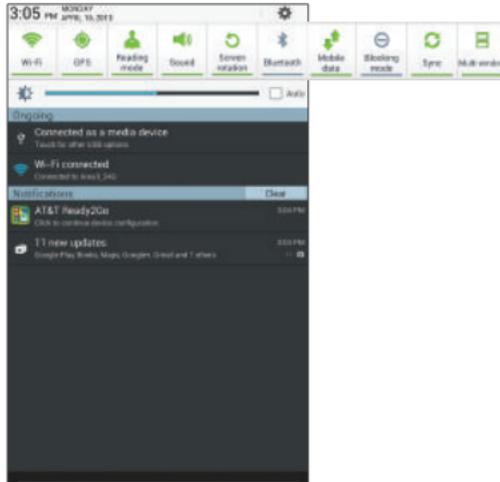
2. Touch a notification summary to respond to it.
3. Touch Home or Back or use the S Pen and swipe upwards to close the Status Details screen.

Quick Settings

To view and control the most common settings for your tablet, as well as accessing the complete Settings application, and viewing your notifications, open the Quick Settings panel.

1. Tap and swipe down the top of the screen to see the Quick Settings.

The Quick Settings pop-up displays.



Note: Recommended shortcuts (S Pen) is also displayed when the S Pen is removed from your tablet.

2. The Quick Settings are:

- **Wi-Fi:** Touch to enable or disable Wi-Fi. For more information, refer to "Wi-Fi" on page 83.

- **GPS:** Touch to enable or disable Standalone GPS services. For more information, refer to “*Use GPS Satellites*” on page 135.
- **Reading mode:** Touch this to optimize the screen for reading.
- **Sound / Vibrate / Mute:** Touch to enable or disable sound mode.
- **Screen rotation:** When On the screen rotates automatically from landscape to portrait and vice versa. When Off the screen is fixed in the current mode, either portrait or landscape. For more information, refer to “*System Accessibility*” on page 151.
- **Bluetooth:** Touch to enable or disable Bluetooth. For more information, refer to “*Bluetooth*” on page 86.

Sweep the pop-up to the left to see additional settings.

- **Mobile data:** When enabled, you can use Mobile data for applications such as Internet, Email, and YouTube.
- **Blocking mode:** When enabled, notifications for selected features will be disabled.
- **Sync:** Synchronizes your device with the network. Synchronizes contacts, email, time, and a variety of accounts.

- **Multi window:** When enabled, multiple screens may display at one time.

3. Touch the **Brightness** slider and drag it to set the brightness or touch **Auto** to allow the device to set brightness automatically based on available light and battery charge status.
4. Touch  **Settings** to open the Settings application. For more information, refer to “*Settings*” on page 120.
5. **Notifications** displays system notifications. Touch a notification entry to display the details. Touch **Clear** to remove Notification Icons from the System Bar. For more information, refer to “*Notifications*” on page 23.
6. Touch  or  or use the S Pen and swipe up to close the Status Details screen.

Notifications display in the System Bar and, in some cases, under the Notifications heading in the Quick Settings to alert you to activity on the tablet such as new messages, application downloads, software updates, and more. The following table lists those icons.

-  **System Alert:** Check under the Notifications heading in the Quick Settings for alerts.
-  **Download:** An application or file is being downloaded or has been downloaded to the device.
-  **Download Successful:** A recent application download or update completed successfully.
-  **New Email Message:** You have new email. Touch Reply to view and answer the email.
-  **New Gmail Message:** You have new Gmail. Touch the icon for additional information.
-  **Google Talk Invitation:** Someone has invited you to chat using Google Talk.
-  **Music player:** Music is playing. Touch the Music icon or touch the Status Details to see the song title and music player controls. For more information, refer to "Music Player" on page 61.
-  **Music App:** A song is playing in the Music app. Touch the Music icon or touch the Status Details to see the song title and music player controls. For more information, refer to "*Google Play Music*" on page 60.
-  **Wi-Fi networks available:** An open Wi-Fi network is in range.
-  **GPS Active:** Displays when GPS is active.
-  **Software update:** There may be a software update available for this device. For more information, refer to "*Software Update*" on page 155.
-  **Updates Available:** Updates to the applications you have downloaded are available.
-  **Set up input methods:** When the keyboard is being displayed, touch this icon to display a menu of quick keyboard settings.
-  **Wi-Fi Direct:** Displays when Wi-Fi Direct is active and your tablet is connected to another device. For more information, refer to "*Wi-Fi Direct*" on page 85.



Screenshot Captured: A screenshot has been captured. For more information, refer to “*S Pen Screen Capture*” on page 22.



Nearby Devices: The Nearby devices setting is enabled. For more information, refer to “*Nearby Devices*” on page 127.



Blocking Mode: Notifications for selected features are disabled. For more information, refer to “*Blocking Mode*” on page 128.



Event: This is a notification for one or more events. For more information, refer to “*Creating an Event or Task*” on page 98.



Navigation Active: The Navigation App is active. For more information, refer to “*Navigation*” on page 107.



USB Connected: Device is connected to a computer using a USB cable.

Status Bar

The Status Bar is part of the System Bar and displays icons to show network status, battery power, and other details.



Battery Level: Shown fully charged.



Charging Indicator: Battery is charging.



Device Power Critical: Battery has only three percent power remaining. At about 15 percent power remaining, a pop-up is displayed to remind you to charge immediately.



USB Connection Indicator: The device is connected to a computer using a USB cable, but it is not charging. The battery is only charged while connected to a computer, if the device is turned off. When the device is off, press the Power/Lock key to see the battery charging indicator.



Battery Fully Charged: When the battery is fully charged, this indicator is displayed.



Airplane Mode: Indicates that the Airplane Mode is active, which allows you to use many of your device's features, but it cannot access online information or applications.



Bluetooth Active: Bluetooth is turned on. For more information, refer to “*Bluetooth*” on page 86.



Bluetooth Connected: Your device is connected to a Bluetooth device.



Wi-Fi Active: Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).



Alarm Set: Displays when you set an alarm to ring at a specified time. For more information, refer to “*Alarm*” on page 92.



Smart stay: Set the screen to stay on as long as you look at it. For more information, refer to “*Display*” on page 130.

Primary Shortcuts

Primary Shortcuts display at the bottom of the main Home screen.

Tip: The main Home screen is usually the center Home screen.

The default Primary Shortcuts are: Email, S Note, Browser, Camera, Settings, and Apps.

Widgets

When you first turn on your tablet, there are various widgets on the center Home screen. They can also appear on the Home screens to the left and right of the center Home screen.

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

Adding Widgets to a Home screen

1. Navigate to the Home screen on which you want to place the Widget and touch Apps.
2. Touch the **Widgets** tab.

Note: Swipe across the screen horizontally to view all Widgets.

3. Touch and hold the widget's icon until the Home screen displays, then slide your finger where you want to place the icon and release it.

Note: There must be room on the screen where you want to place the widget, otherwise the widget will not add to the Home screen.

Removing Widgets

- Touch and hold the Widget until the  Remove icon displays, then drag the widget to the Remove icon.

Note: This action does not actually delete the Widget, it just removes it from the current Home screen.

App Shortcuts

Use App Shortcuts for quick access to applications or features, such as Email or other applications.

1. Navigate to the Home screen on which you want to place the App Shortcut.
2. Touch  Apps.
 - or –

Touch and hold on the screen until the **Home screen** options pop-up displays and then touch **Apps and widgets**.

3. Touch the **Apps** tab.
 4. Touch and hold the application icon until the Home screen displays, then slide your finger where you want to place the icon and release it.
- For more information, refer to “*Apps Screen*” on page 31.
5. Touch and hold the App Shortcut and then drag the application icon to reposition it on the Home screen.

Removing App Shortcuts

- Touch and hold the App Shortcut until  Remove displays, then drag the App Shortcut to the Remove icon.

Folders

Place Folders on a Home screen to organize items together.

Adding Folders

To create a folder on a Home page:

1. Navigate to the desired Home screen.

2. Touch and hold on the screen until the **Home screen** pop-up displays and then touch **Folder**.
The Create folder pop-up displays.
3. Touch the **Unnamed folder** field, use the keyboard to enter a name for the folder, and touch **OK**.
A new folder displays on the Home screen.

Managing Folders

To rename a folder:

- Touch the folder, touch the current name, and use the keyboard to enter a new name for the folder.

To add an App shortcut to a folder:

1. Add the App shortcut to the Home screen that the folder is on.
2. Touch and hold the App shortcut, drag it to the folder, and drop it.

To remove an App shortcut from a folder:

1. Touch the folder to view the contents.
2. Touch the App shortcut, drag it out of the folder, and drop it on the Home screen.

Removing a Folder

- Touch and hold the folder until the  **Remove** icon displays, then drag the folder to the **Remove** icon.

Note: Any App shortcuts in the folder are also removed.

Wallpapers

You can choose a picture to display on the Home Screen, Lock screen, or on both the Home and Lock screens. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. From a Home screen, touch and hold on the screen. The **Home screen** options pop-up displays.
2. Touch **Set wallpaper**.
The Set wallpaper pop-up displays.
3. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.
The **Select wallpaper from** pop-up displays the following options:

- **Gallery:** Access the Gallery to select a photo. Touch a photo to select it. Crop and resize the picture, if desired. Touch **Done** to save the picture as wallpaper. Touch **Cancel** to cancel.
- **Live wallpapers:** Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch **Settings** to view options for the selection. Touch **Set wallpaper** to save your choice. Touch **Back** to return to the Live wallpapers menu.
- **Wallpapers:** Choose from pre-loaded wallpaper images. Touch an image to view it. Touch **Set wallpaper** to save it as wallpaper. Touch **Back** to return to the Home screen.

Note: Live wallpapers is not available for the Lock screen.

Multi Window Tray

There are shortcuts available that link to apps that you might need while working in other apps, such as Browser, Alarm, Calendar, ChatON, Chrome, Contacts, Email, Gallery, Gmail, and so on. Swipe up and down to access all the applications in the Multi Window Tray. In some cases, these shortcuts are

actually links to the part of the app you need most and they contain a link to the actual app where you can use other functions.

1. From a Home screen, touch **Settings** → **Display** → **Multi window**.
2. Touch and hold the **Back** key.
3. From any screen, touch **Multi Window Tray** at the left of the screen.

The Multi Window Tray icons display.



Note: Swipe across the screen vertically to view all Multi Window Apps.

4. Touch  to customize the Multi Window Tray. For more information, refer to “*Customizing the Multi Window Tray*” on page 31.
5. Touch one of the icons to display a mini app pop-up. The pop-up varies depending on the application. Various controls display at the top of the pop-up and a miniature version of the app displays in the body of the pop-up.
6. Touch items in the body of the pop-up, such as an email entry or keys on the Calculator.

For more information, refer to “*Apps Screen*” on page 31.

Customizing the Multi Window Tray

You can choose applications to display on the Multi Window Tray and arrange them in any order.

1. From any screen, touch  **Multi Window Tray**.
2. Touch .

3. Touch and drag apps in and out of the tray or to another position in the tray.
4. Touch .

Apps Screen

The **Apps** screen displays all applications installed on your wireless device. Applications that you download and install from Google Play or from the web are also added to a Home screen.

The Apps icons are arranged in a Alphabetical grid. To arrange the Apps icons in any order you choose, follow these steps:

1. From a Home screen, touch  **Apps**.
2. Touch  **Menu** → **View type**.
3. Touch **Customizable grid**.
4. Touch  **Menu** → **Edit**.
5. Touch and hold an icon and drag it to a new position.
6. Touch **Save** to save the changes.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to “*App Shortcuts*” on page 28.

Application Information

To view information about an App, such as the amount of storage it uses, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch  Apps →  Settings → Application manager.
2. Touch the All tab, scroll through the apps list, and touch the app to open a screen with details about the App.

More Application Information

For more information, refer to “Applications” on page 91.

In the Applications section, each application that is available on the Applications screen is listed and described. If the application is also described in another section of this user manual, then a cross reference to that particular section is provided. Various widgets are also described.

Memory Card

Your device supports removable microSD or microSDHC memory cards for storing music, photos, videos, and files.

Installing and Removing a Memory Card

For more information about installing and removing a memory card, see “Memory Card” on page 12.

Important! To prevent damage to information stored on the memory card, always unmount the card before removing it from the device.

Formatting a Memory Card

Formatting erases all content from the memory card and prepares it for use with your device.

Formatting a Memory Card Using Your Device

1. From a Home screen, touch  Apps →  Settings → Storage.
2. After mounting the SD card, touch Format SD card.
3. Follow the prompts to confirm the formatting of the card.

Formatting a Memory Card Using Your Computer

Consult your computer and/or memory card reader documentation for information about formatting memory cards.

Section 3: Contacts and Accounts

This section explains how to manage contacts and accounts.

Accounts

Your device can synchronize with a variety of accounts. With synchronization, information on your device is updated with any information that changes in your accounts.

- **Samsung account:** Add your Samsung account. For more information, refer to “*Signing In to your Samsung Account*” on page 147.
- **ChatON:** Add your ChatON account. For more information, refer to “*ChatON*” on page 58.
- **Email:** Add an Email account to sync Contacts. For more information, refer to “*Email*” on page 51.
- **Facebook:** Add your Facebook account to sync Contacts.
- **Google:** Add your Google account to sync your Contacts, Calendar, and Gmail. For more information, refer to “*Gmail*” on page 48.
- **LDAP:** Add an LDAP account to find entries in an LDAP directory server.
- **Microsoft Exchange ActiveSync:** Add your Exchange account to sync Contacts, Calendar, and Email.

Setting Up Your Accounts

Set up and manage your synchronized accounts with the **Accounts** setting.

1. From a Home screen, touch  Apps →  Settings → **Add account**.
2. Touch the account type.
3. Follow the prompts to enter your account credentials to complete the set-up process.

Your tablet communicates with the appropriate account servers to set up your account. When complete, your account displays in the **Accounts** area of the Settings screen.

Contacts

Store contact information for your friends, family, and colleagues to quickly access information or to send a message.

To access Contacts:

- From a Home screen, touch  Apps
→  Contacts.

Creating Contacts

1. From a Home screen, touch  Apps
→  Contacts → 
The **Save contact** to pop-up displays.
2. Touch **Device**, **SIM**, or an account that you have already set up.
3. Touch the Contact photo to set up a photo to identify the contact.
4. Touch contact fields to display the keyboard and enter information:
 - Some fields have preset values. Touch the field and touch the desired value. For example, touch the  Label tab and touch a label for the field.

- Other fields have to be input. Touch the field and use the on-screen keyboard to input information.
 - Touching the check box next to some fields may make additional fields available.
 - Touch  to add additional fields. Touch  to remove an unused field. Also, touch **Add another field** to add other fields.
 - Touch the screen and swipe up or down to display additional fields or touch **Next** on the keyboard to move to the next field.
5. Touch **Done** to remove the keyboard.
 6. When you finish entering information, touch  **Save**.
— or —
Touch  **Cancel** to cancel and discard changes.

Tip: Display a contact's record and touch the **Email** field to send an email, the **Address** field to display the address on a map, or the **Website** field to link to the website.

Updating Contacts

To update an existing contact:

1. From a Home screen, touch  Apps
→  Contacts.

2. Touch a contact in the Contacts list to view its information.
3. Touch  Edit.
4. Continue entering contact information. For more information, refer to “*Creating Contacts*” on page 34.

Deleting Contacts

To delete a contact:

1. From a Home screen, touch  Apps →  Contacts.
2. Touch a contact in the **Contacts** list to view its information, and then touch  Delete. At the prompt, touch OK.

Managing Photo IDs

To remove or update a contact's Photo ID:

1. From a Home screen, touch  Apps →  Contacts.
2. Touch  Edit.
3. Touch the Contact photo, then touch Remove, Image, Take picture, S Note, Pictures by people.

Contacts Display Options

There are various ways to display your Contacts and general Contacts settings.

1. From a Home screen, touch  Apps →  Contacts.
2. Touch **Groups**, **Favorites**, or **Contacts**, above the Contacts List, to view contacts various ways:
 - **Groups**: Displays the possible Groups, such as Not assigned, Co-workers, Family, Friends, and so on. The number of contacts in the group is displayed next to the group name. Touch a group name to show only contacts in that group. For more information, refer to “*Creating a New Group*” on page 37.
 - **Favorites**: Show only your favorite, or starred, contacts. For more information, refer to “*Favorites*” on page 39.
 - **Contacts**: Show all your contacts. Touch the **Search** field and enter a keyword to list contacts that contain that keyword.
3. From the **Groups**, **Favorites**, or **Contacts** list, touch  Menu to display the options for each grouping.
4. From the **Contacts** list, touch  Menu → **Settings** to display and manage Contacts settings.

Linked Contacts

Your device can synchronize with multiple accounts, including Google, Corporate Exchange, and other email providers. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Linking, or joining, imported contact records allows you to see all the contact's numbers and addresses together in one contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

Joining Contacts

1. From a Home screen, touch Apps → Contacts.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch Menu → Join contact.
4. Touch the contact you want to Join.
The joined contact's information is displayed with the original contact's information.
5. Repeat Steps 3 and 4 to join other contacts.

Separating Contacts

1. From a Home screen, touch Apps → Contacts.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch Menu → Separate contact.
A list of Joined contacts displays.
4. Touch → OK to separate a joined contact.
The contact is removed from the list.

Sharing Contact Information

You can send a contact's information by way of Bluetooth to other Bluetooth devices or in an Email or Gmail as an attachment.

Note: Not all Bluetooth devices accept contacts and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. From a Home screen, touch Apps → Contacts.
2. Touch Menu → Share namecard via.

Tip: Set up a contact record for yourself to share your information with others.

3. At the prompt, choose a sending method such as Bluetooth.
4. Follow the prompts to send the contact information.

Importing and Exporting Contacts

To back up and restore your contacts information, you can export your contacts list to a storage device, such as a PC, or import your contacts list (previously exported) from a storage device.

1. Use the USB cable to connect your device to the storage device.
 2. From a Home screen, touch  Apps →  Contacts.
 3. Touch  Menu → Import/Export.
- The Import/Export contacts pop-up displays.
4. Touch an option and then follow the prompts to complete the operation.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly send messages to group members.

Creating a New Group

Create a new group when you add or edit a contact.

1. From a Home screen, touch  Apps →  Contacts.
2. Touch Groups then touch .
3. Touch the **Group name** field and use the keyboard to enter a new Group name.
4. Touch the **Add member** and place a Done next to the contacts to be assigned to this group.
5. Touch Save to save the new group name.

Tip: Contacts can belong to more than one group. Just touch the contact's **Groups** field and touch each group.

Once you create a new group, the Contacts List can be set to display only the contacts in that group. For more information, refer to “*Contacts Display Options*” on page 35.

Renaming a Group

To rename a group that you created:

1. From a Home screen, touch  Apps
→  Contacts.
2. Touch **Groups** and then touch the group you want to rename.
3. Touch  Menu → Edit.
4. Touch the **Group name** field and use the keyboard to enter a new Group name.
5. Touch  to save the new group name.

Deleting Groups

To delete a group that you created:

1. From a Home screen, touch  Apps
→  Contacts.
2. Touch **Groups** and then touch any group you want to delete.
3. Touch  Menu → Delete groups.

The groups that can be deleted display.

4. Touch **Select all** or the name of each group to delete.
5. Touch  **Delete** to delete the groups. Choose from **Group only** or **Group and group members**.

Adding Group Members

To add a contact to a group, just Edit a contact's Group field. For more information, refer to "*Updating Contacts*" on page 34.

To add multiple contacts to a group:

1. From a Home screen, touch  Apps
→  Contacts.
2. Touch **Groups** and then touch the group to which you want to add members.
3. Touch  Menu → Add member.
The contacts that can be added display.
4. Touch **Select all** or the name of each contact to add.
5. Touch  **Done** to add the contacts to the group.

Removing Group Members

To remove contacts from a group:

1. From a Home screen, touch Apps → Contacts.
2. Touch Groups and then touch the group from which you want to remove members.
3. Touch Menu → Remove member.
4. Touch Select all or the name of each contact to remove.
5. Touch Done to remove the contacts.

Contacts are removed from the group and the group name is removed from each contact's **Group** field.

Favorites

Mark contact records with a gold star to identify them as favorites.

Adding Favorites

To add a contact to the Favorites list:

1. From a Home screen, touch Apps → Contacts.
2. Touch a contact to display it.

3. Touch the Star next to the contact name so that it turns gold .

Tip: You do not have to edit the contact to change the Starred status.

Accessing Favorites

To view your favorites list:

1. From a Home screen, touch Apps → Contacts.
2. Touch Favorites above the Contacts List.
Only your starred contacts display.

Removing Favorites

To remove one or more contacts from your favorites list:

1. From a Home screen, touch Apps → Contacts.
2. Touch Favorites above the Contacts List.
3. Touch Menu → Remove from favorites.
4. Touch Select all or the name of each contact to remove.
5. Touch Done to remove the contacts.

To remove one contact from your favorites list:

1. From a Home screen, touch  Apps
→  Contacts.
2. Touch a contact to display it.
3. Touch the  Star next to the contact's name so that it turns gray  to remove it from the Favorites list.

Section 4: Entering Text

This section describes how to select the desired text input method when entering characters into your tablet. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your tablet comes equipped with an orientation detector that can tell if the tablet is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Text Input Methods

There are three text input methods available:

- **Google Voice typing:** allows you to enter text by speaking.
- **Samsung keyboard (default):** Samsung's on-screen QWERTY keypad that can be used in both portrait and landscape orientation.
- **Swype:** a new way to enter text on touch screens. Instead of tapping each key, use your finger to trace over each letter of a word.

You can set a default text entry method in Settings. For more information, refer to “*Keyboards and Input Methods*” on page 140.

To choose a text input method while entering text:

1. Touch  **Choose input method** in the Status bar. The Set up input methods pop-up displays.
2. Touch an input method to activate it.

Using the Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring optional predictive text or continuous input. Input characters by touching the on-screen keys with your finger or use speech recognition.

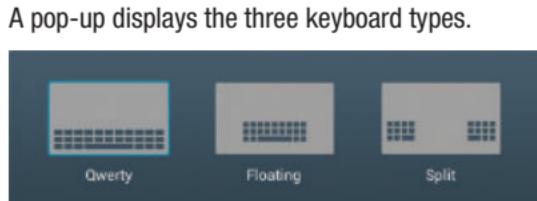
You can enable predictive text, to have the Samsung keyboard match your key touches to common words and displays them. The Personalization option learns from GMail, Facebook and Twitter. Log into these applications to enable the Samsung keyboard to learn from your text input.

Keyboard Types

In addition to the default QWERTY keyboard, there are two other types of the Samsung keyboard: a **Floating** keyboard and a **Split** keyboard.

To change the keyboard type:

1. Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, where the keyboard is displayed.



2. Touch one of the keyboard types to display it.

The Split keyboard can be moved up and down and the Floating keyboard can be moved anywhere.

- Tap and hold with two fingers to move the Floating or Split keyboard.

Configuring the Samsung Keyboard

You can configure the Samsung keyboard to your preferences. While entering text:

- Touch  in the Status bar to display **Choose input method** and then select **Set up input methods** in the pop-up.
– or –
Touch and hold  on the keyboard and then touch .

The Samsung keyboard settings screen displays.

For more information, refer to “*Samsung Keyboard Settings*” on page 140.

Entering Upper and Lower Case Letters

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key  to toggle the case, before touching the letter key(s).

- Touch once to switch from abc to Abc mode.
- Touch twice to switch to ABC mode. When ABC mode is enabled, the Shift key background turns blue.

Entering Symbols and Numbers

The number keys are displayed at the top of the keyboard and are always available.

To enter common symbols, touch **Sym** to switch to symbol mode, then touch the corresponding key.

There are two pages of symbols. Touch **1/2** to switch to the next page.

Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can choose an accented vowel or other alternate letter. Slide to the letter until it is highlighted, and release.

Touch and hold the Period key (.) to open a small window with a set of common symbols.

Using Predictive Text

By using Predictive text, you can have next-letter prediction and regional error correction, which compensates for pressing the wrong keys on the QWERTY keyboard.

Note: Enable Predictive text in Samsung keyboard settings.

For more information, refer to “*Samsung Keyboard Settings*” on page 140.

While entering characters, potential word matches display in the Predictive text area above the keyboard.

- Touch a word to insert it into your text.

Tip: Touch  to display more words.

Samsung Keyboard Settings

For information on how you can configure your Samsung keyboard settings, see “*Samsung Keyboard Settings*” on page 140.

Using Google Voice Typing from the Samsung Keyboard

When you enable the Google voice typing setting, you can use your voice to enter text instead of the keyboard.

For more information about enabling Voice input, see “*Using Google Voice Typing*” on page 46

Editing Text

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed while others may offer their own way to select text.

Editing Existing Text

To edit text that you have entered:

1. Touch the text at the point you want to edit.
The **Cursor** displays at the point you touched.
2. Touch and drag the **Cursor** to a better position, if necessary.
3. Enter additional text or delete text by repeatedly touching the  **Delete** key.

Copying, Deleting, or Replacing Text

To select and copy, delete, or replace text:

1. Touch and hold the text or word you want to select.
The selected text is highlighted with a  tab at each end of the selection.
2. Touch and drag either tab to select more or less text.

Tip: Touch **Select all** in the Application bar to select all text in the field. Touch on another area of the screen or touch **Done** to deselect the text.

-
3. Depending on the action you want to take for the selected text, in the Application bar touch:

- **Select all** to highlight all text in the field.
- **Cut** to remove the selected text.
- **Copy** to save the selected text to the clipboard.

– or –

Enter text by typing or speaking to replace the selection with what you type.

Pasting Text

To paste previously copied text:

1. Touch the text at the point you want to paste the copied text.
The **Cursor** displays at the point you touched.
2. Touch and hold the Cursor.
A pop-up displays.
3. Touch **Paste** in the pop-up.

To paste text directly from the clipboard:

1. Touch the location that you want to paste an item to move the cursor there.
2. Touch and hold the Cursor.
A pop-up displays.

3. Touch the  **Clipboard** key to display the text saved to the clipboard.
4. Touch a text block to paste that text where the **Cursor** is positioned.

Closing the Keyboard

To close the keyboard:

- Touch  **Close Keyboard**.

Using the Handwriting Feature

You can enter text simply by using your finger or the S Pen to handwrite letters on your screen.

1. From a screen where you can enter text, activate the keyboard by touching a text input field on the screen.
2. If necessary, touch  **Choose input method** in the Status bar and then touch **Samsung keyboard**.
The Samsung keyboard displays.
3. Touch  on the keyboard.
The handwriting pad displays.
4. Use your finger tip or the S Pen to write out each character. You can print or use cursive.

As you write, suggestions are offered in the word options area in case the correct letters were not recognized.

Handwriting Tips

- For uppercase letters, write the letter larger than the lowercase letters.
- Write a dash (horizontal line) to add a space.
- Delete words by sweeping backward across them.
- To display numbers and symbols, touch  and then touch a number or symbol key. Touch the button marked 1/2 or 2/2 to see more symbols and emoticons. Touch  to exit the numbers and symbols keyboard.
- To return to the Samsung keyboard, touch .

Handwriting Settings

To change the Handwriting settings:

1. Touch  **Choose input method** in the Status bar and then touch **Set up input methods**.
The Language and input settings screen displays.
2. Touch  next to Samsung keyboard to display Samsung keyboard settings.
3. Touch **Handwriting**.

For more information, refer to “*Samsung Keyboard Settings*” on page 140.

4. Press repeatedly to return to your message.

Using Google Voice Typing

You can use your voice to enter text using the Google voice typing feature.

While entering text:

1. Touch **Choose input method** in the Status Bar and then touch **Google voice typing** in the Set up input methods pop-up.

– or –

Touch and hold on the keyboard, then touch .

For more information, refer to “*Keyboards and Input Methods*” on page 140.

2. At the **Speak now** prompt, speak clearly and distinctly into the microphone.

The software converts your voice to text, which is displayed in the message.

3. Keep speaking to add more text.
4. Touch **Done** to display the Samsung keyboard.

Entering Text Using Swype

Swype™ is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a tapping predictive text system.

Enabling and Configuring Swype

The Samsung keyboard is the default text input method, so to use Swype, you must first change the default keyboard setting.

To enable Swype:

1. From a screen where you can enter text, touch and drag down from the Notifications area then tap **Choose input method**.
2. Tap the **Swype** radio button. It will turn green.
The Swype keyboard is displayed.
3. Draw a path through the letters with your finger or S Pen rather than tapping each key.

Swype Settings

- Touch and hold  on the bottom of the Swype keyboard to display the Swype settings.

For information on how you can configure your Swype settings, see “*Swype Keyboard Settings*” on page 142.

Swype Text Entry Tips

You can access the SwypeTips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

- Create a squiggle (like an S shape) to create a double letter (such as pp in apple).
- Touch and hold a key to view the punctuation menu then make a selection.
- Move your finger or stylus over the apostrophe to enter contractions.
- Double-tap on the word you want to change to correct a misspelled word, then tap the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Section 5: Messaging

This section describes how to send and receive messages and other features associated with messaging.

Types of Messages

Your device supports these types of messages:

- **Gmail**: Send and receive Gmail from your Google account.
- **Email**: Send and receive email from your email accounts, including Corporate Exchange mail.
- **Google Talk**: Chat with other Google Talk users.
- **Google Messenger**: Use Google Messenger to bring groups of friends together into a simple group conversation.
- **ChatON**: Use ChatON to send and receive instant messages from any device that has a mobile phone number.

Gmail

Send and receive email with Gmail, Google's web-based email.

Tip: To set up your Google account on your device, use **Accounts** settings. For more information, refer to "Accounts" on page 146.

- From a Home screen, touch Apps → Gmail.

Setting Up Your Gmail Account

If you did not set up a Google account during the initial configuration, the first time you launch Gmail, your device prompts you to set up your Google account.

Note: You can use more than one Google account on your device. To add another account, touch Menu → Settings → ADD ACCOUNT.

1. From a Home screen, touch Apps → Gmail. The Add a Google Account screen displays.
2. Touch **Existing** to sign in to an existing account.
 - At the **Sign in** screen, use the on-screen keyboard to enter your Google **Email** name and **Password**, then touch .
 - or –
 - Touch **New** to create a new account.
 - At the **Your name** screen, enter your first and last name, and touch .

- At the **Choose username** follow the prompts to create a new account.

The Backup and restore screen displays.

3. Read the backup and restore information, touch the option to enable or disable it, and then touch .
4. The device communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail displays in the Inbox.

Refreshing Your Gmail Account

Refresh your account to update your device from the Gmail servers.

1. From a Home screen, touch  Apps →  Gmail.
2. Touch  Refresh in the Application Bar.

Managing Your Gmail Account

Use menu options to manage your Gmail account.

1. From a Home screen, touch  Apps →  Gmail.
2. Touch  Menu for these options:
 - **Manage labels:** Determine settings for each label.
 - **Settings:** Configure settings. For more information, refer to “*Gmail Account Settings*” on page 51.

- **Send Feedback:** Fill out a Google feedback form.
- **Help:** Learn about using Gmail.

Managing Your Gmail Conversations

In addition to managing your Gmail account, there are options for changing the status of one or more Gmail conversations in an account.

1. From a Home screen, touch  Apps →  Gmail.
2. Touch the gray box to the left of one or more conversations and then choose one of the following options:
 - **Archive**  : Archive the selected conversation. Archived conversations are moved to the Archive folder.
 - **Delete**  : Delete the conversations. Deleted conversations are moved to the Trash folder.
 - **Change labels**  : Relocate the conversations to the **Inbox**, **Personal**, **Receipts**, **Travel**, or **Work** folder and then touch **OK**.
 - **Mark as Read**  / **Mark as Unread**  : Mark the conversations as read or unread. Once a conversation is marked as read, it has a gray background. Touch  **DONE** to remove the check marks.

Tip: To move a conversation to another folder, touch and drag it to the folder tab.

3. Touch  **Menu** for these options:

- **Add star / Remove star:** Mark (or unmark) conversations with a yellow star. Starred conversations are listed in the Starred folder.
- **Mark important / Mark not important:** Change the importance indicator . Yellow indicates important.
- **Mute:** New messages added to muted conversations bypass your inbox so that the conversation stays archived in the All Mail folder.
- **Report spam:** Report the conversations as spam, which are emails that violate the Gmail Program Policies and/or Terms of Use.
- **Report phising:** Report the conversations as potential phishing to aquire information such as usernames, passwords and any other sensitive content.

Composing and Sending Gmail

1. From a Home screen, touch  Apps →  Gmail.
2. Touch  **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch **Compose email** to enter the text of your email.
6. While composing a message, the following options are displayed:
 -  **CC/BCC:** Create Cc (copy) and Bcc (blind copy) fields in the message. After creating the fields, touch to enter recipients.
 -  **Attach:** Launch Gallery to select a photo to add to the message.
7. Touch  **Menu** for the following options:
 - **Save draft:** Touch **Save draft** to save a draft of this message.
 - **Attach video:** Touch a video from your Gallery.
 - **Discard:** Touch Discard to delete the message.
 - **Settings:** Configure settings. For more information, refer to “*Gmail Account Settings*” on page 51.

- **Send feedback:** Fill out a Google feedback form.
 - **Help:** Learn about using Gmail.
8. Touch **SEND** to send this message

Gmail Account Settings

1. From a Home screen, touch  Apps →  Gmail.
2. Touch  Menu → **Settings** to access your gmail settings.

Email

Use Email to view and manage all your email accounts in one application.

Setting up Email Accounts

1. From a Home screen, touch  Email.
2. At the **Set up email** screen, enter an **Email address** and **Password**, then touch **Next**.
3. Your account's incoming server settings are different depending on the kind of email service for the account. If you are asked **What type of account?**, touch the type of account: **POP3 account**, **IMAP account**, or **Microsoft Exchange ActiveSync**.
4. If you are setting up a Microsoft Exchange ActiveSync account, tap **Manual setup** at the top of your screen.

The Server settings screen displays.

5. Enter the required settings and touch **Next**. The **Account options** screen is displayed.
6. Enter the desired information in the different fields, then tap **Next**.

Note: For Microsoft Exchange ActiveSync accounts, the **Activate device administrator?** screen may appear. Read the information and touch **Activate** to continue.

7. Enter an account name for the email account just added, which is displayed on the email screen, and enter **Your name**, if required.

8. Touch **Done**.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the **Inbox** for the account.

Note: To configure email account settings at any time, use  **Menu** → **Settings**. Touch the account to display **Account settings**.

Adding Additional Email Accounts

To add additional email accounts:

1. From a Home screen, touch  Email.
2. Touch  Menu → Settings → Add account.
3. Enter the Email address, Password, and so on.

Managing Your Email Accounts

You can view email you receive for all accounts in the **Combined view** screen or you can view email accounts individually.

1. From a Home screen, touch  Email.
2. Touch the  drop-down menu at the top left of the screen to select:
 - **Combined view:** View all email in a combined inbox.
 - **Priority sender inbox:** Use this setting to assign an email account for all outgoing emails.
 - <Account Name>: View email for the account.

Managing Your Email Conversations

In addition to managing your Email account, there are options for changing the status of one or more Email conversations in an account.

1. From a Home screen, touch  Email.

2. Touch the box to the left of one or more conversations and then choose one of the following options:

- **Flagged**  / **Mark as complete**  / **Unflag**  / **Mark as Unread** : Mark the conversations as read or unread. Once a conversation is marked as read, it has a gray background.
- **Move to** : Relocate the conversations to another folder in the current email account or in a folder within another email account.
- **Delete** : Delete the conversations.

Note: Depending on your Email provider, the options and icons displayed may differ.

3. Touch  Menu for these options:
 - **Sort by:** Choose a method for listing your email conversations.
 - **View mode:** Choose how to view your email conversations. Choices are: Standard view and Conversations view.
 - **Create folder:** Create a new main folder or touch an existing folder to create a sub-folder.

- **Delete all:** Delete all items for this email account.
- **Font size:** Select the font size for your email. Choose from, Use device font sizes, Tiny, Small, Normal, Large, or Huge.
- **Settings:** Display the settings for this email account.

Composing and Sending Email

1. From a Home screen, touch  Email.
2. Touch an account, if you have more than one account set up, then touch  Compose.
3. Enter the recipient's email address in the **To** field.
 - If you are sending the email message to several recipients, separate the email addresses with a comma. You can add as many message recipients as you want.
 - Touch  to add a contact to the field.
 - Touch **+Cc/Bcc** to add additional carbon copy recipients.
 - Use the **Cc** field to carbon copy additional recipients.
 - Use the **Bcc** field to blind copy additional recipients.
 - Touch **+Me** to add yourself as a recipient.
4. Touch the **Subject** field to enter a subject.
5. Touch the body of the email to enter the text of your email.

6. While composing a message, the following options may be displayed:



Scheduling options: Tap the Schedule sending box and then set the Time and date for which the email will be sent.



Priority: Set the email priority. Options are: High, Normal, or Low.



Attach: Choose an attachment to add to the message from the listed apps, such as My Files, Images, Take picture, Video, Record video, Audio, S Note, Calendar, Contacts, and Location.



Undo: Erase the previous input.



Redo: Restore the previously erased input.



Insert: Choose an item to insert into the message from the listed apps, such as Images, S Note, Calendar, Contacts, and Location.



Insert quick response: Insert text that you frequently use in emails.

9px

Font size: Choose a text font size of 9, 10, 12, 14, 17, 21, 24, 28, or 36 points.

B

Bold: Bold the following text. Touch again to turn off bold.

I

Italics: This action italicizes the subsequent entered text.

T

Font color: Set the color of the text font. The bar changes to the selected color.

T

Background color: Set the color of the background of the email.

7. Touch  **Save** to save the email to the Drafts folder,  **Send** to send the email, or  **Discard** to delete the email.

Email Settings

Account settings lets you configure handling of email on your device.

1. From a Home screen, touch  **Email**.
2. Touch  **Menu** → **Settings** to modify your email settings.

Google Talk

Talk is Google's instant messaging and audio and video chat service. You can use it to communicate, in real time, with other people who also use Google Talk on another Android tablet or phone or on a computer.

Tip: Talk requires that you have a Google account. To set up your Google account on your device use **Accounts** settings. For more information, refer to "*Accounts*" on page 146.

Open Talk and Sign In

1. From a Home screen, touch  **Apps** →  **Talk**. If you are not signed in to a Google account, the Add a Google Account screen displays.
2. Touch **Existing**, if you already have a Google account, or **New** to create a Google account.
For more information, refer to "*Setting Up Your Gmail Account*" on page 48.

Note: If you have already set up your Google account, you are automatically logged in. Just touch the account.

Once sign in is complete, the Talk main screen displays.

Invite a Friend to Chat

You can invite anyone with a Google Account to become your friend in Google Talk, so you can chat with each other and view each other's online status.

1. While viewing your Friends list, touch  Add friend.
2. Enter your friend's Email address and touch **DONE**.

Your friend's address in Talk is a Gmail or other email address that is configured to connect to Google Talk.

If your friend accepts your invitation, they are added to your Friends list in Talk and you can share each others status in Talk and other applications.

View and Accept an Invitation to Become a Friend

When a contact invites you to become a friend in Google Talk, you receive a  notification in the System Bar and the invitation displays in your Friends list.

1. Touch the invitation.

2. Touch **Accept**, if you want to accept the invitation and chat, **Decline**, if you do not want to chat with and share your Google Talk status with the sender right now, or **Block**, if you do not want to receive any more invitations from that person.

If you touch **Accept**, the friend is added to your Friends list in Talk and you can share your status in Talk and other applications.

Options While Chatting

There are several options that are available while you are chatting.

1. Touch  to search your chats for a word,  to invite another friend to chat,  to invite this friend to video chat, or  to invite this friend to voice chat.
2. Touch  Menu to display the following options, which are available while chatting. For more information, refer to “*Additional Talk Options*” on page 56.
 - **End chat:** End this chat session.
 - **Go off the record/Stop chatting off the record:** Set whether you want to stop saving your chat to the chat history.

- **Friend info:** Display information about the friend with which you are chatting. The following options are also displayed:
 - **Block:** Keeps this person from sending you messages and removes the person from your Friends list.
 - **Remove:** Remove the friend as if you never accepted their invitation. However, the friend is not blocked.
- **Add to chat:** Choose another friend to invite to this conversation.
- **Clear chat history:** Remove the history of this chat from your device.
- **Settings:** Offers various settings for Google talk. For more information, refer to “*Google Talk Settings*” on page 57.
- **Help:** Displays additional help information.
- **Send feedback:** Fill out a Google feedback form.

Note: If you touch the **REMOVE** option, touch  **Add friend** → **Send chat invitation to**, to make the Friend visible again.

Additional Talk Options

1. While viewing your Friends list, touch  to search your Talk messages. Use the on-screen keyboard to enter a search term. Touch  on the keyboard to search your Talk messages.
2. Touch  **Menu** to display the following options:
 - **Display options:** To set the way your friends list is sorted, touch **Availability**, **Name**, or **Recency**.
 - **End all chats:** End all chats in which you are engaged.
 - **Sign out:** Sign out of Google Talk and display the Talk main screen.
 - **Settings:** Offers various settings for Google talk. For more information, refer to “*Google Talk Settings*” on page 57.
 - **Help:** Displays additional help information.
 - **Send feedback:** Fill out a Google feedback form.
3. Touch a Friend’s entry to display the Chat entries for that Friend.

Google Talk Settings

Use Google Talk Settings to configure your Talk account. If you have more than one account, each maintains its own Talk settings.

1. From a Home screen, touch  Apps →  Talk.
2. Touch  Menu → Settings, then touch an account for options:

GENERAL

- **Mobile indicator:** Check and your friends see an outline of an android next to your name in their Friends list when you are signed into Google Talk on a tablet or phone.
- **Away when screen off:** Check to change your Talk status to Away when your screen turns off. When unchecked, your status is not changed.
- **Invitation notifications:** Show notification when a friend invitation arrives.

CHAT NOTIFICATIONS

- **IM notifications:** Set whether to open a dialog, display a notification in the System Bar, or neither, when you receive a text chat.

- **Notification ringtone:** Set a ringtone to sound, or silent, when you receive a text chat.

- **Vibrate:** Set how vibrate functions. Choices are: Always, Only when silent, or Never.

VOICE & VIDEO CHAT

- **Video chat notifications:** Set whether to open a dialog or display a notification in the System Bar when you are invited to a video chat.

- **Video chat ringtone:** Set a ringtone to sound, or silent, when you receive an invitation to a video chat.

- **Vibrate:** Set the device to vibrate Always, Only when silent, or Never.

- **Default video effect:** Set the video image stabilization.

ACCOUNT

- **Blocked friends:** Displays a list of friends you have blocked. Touch a blocked friend and then touch OK to unblock the friend.

- **Clear search history:** Erases your search history. No previous searches are shown until you search for new words.

- **Manage account:** Opens the Accounts and sync settings. For more information, refer to “*Accounts*” on page 146.

ABOUT

- **Terms & privacy:** Displays the Google Talk terms of use and privacy policies.

Google+

Share updates and see what is going on around you with Google+ for mobile.

- Share your thoughts and location.
- Instantly upload your photos and videos as you take them.
- Get updates from your circles in the stream.
- Check in to a place.
- Make plans on-the-go with group messaging.
- View posts from people around you.

To get started:

1. From a Home screen, touch Apps → Google+.

The Google+ home screen displays.

2. Touch Menu → Help and then touch a topic to learn more about using Google+.

Messenger

With Google Messenger, you can bring groups of friends together into a simple group conversation, putting everyone on the same page. When you get a new conversation in Messenger, Google+ sends an update to your device.

To get started, touch the Messenger icon on the home screen of the Google+ app or use the Messenger icon on your Applications screen.

1. From a Home screen, touch Apps → Messenger.
The Messenger screen displays.
2. Touch Menu → Help for more information on getting started.

ChatON

Provides a global mobile communication service where you can chat with more than 2 buddies via a group chat. Share things such as pictures, videos, animation messages (Scribbles), audio, Contacts, Calendar entries, and Location information.

For more information, visit: <https://web.samsungchaton.com>.

1. From a Home screen, touch Apps → ChatON.

- At the ChatON display, tap **Sign in** to sign in to your Samsung account if you have not already done so. For more information, refer to “*Creating a Samsung Account*” on page 11.

– or –

Tap **Skip** if you have already signed in to your Samsung account.

- Enter your real name and tap  **OK**.
- Follow the on-screen instructions to add a buddy and begin your chat session.

Section 6: Music

This section explains how to use the music features of your device including the Music app, the Music Player, and the Music Hub.

Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset, or through a wireless Bluetooth stereo headset.

For more information, refer to "*Bluetooth*" on page 86.

Press the **Volume Key**  on the side of the device to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

Google Play Music

Google Play Music is a new service from Google that gives you instant access to your personal music collection on the Internet and your compatible Android devices without the hassle of wires or syncing. For more information, visit music.google.com.

1. From the Home screen, tap  → **Play Music** 
All music on your device and external SD card is displayed including Music folders that may contain multiple songs.
2. Tap a song to start playback.
3. From the main Play Music screen, you can tap any of the following tabs for a more detailed listing of songs: Playlists, Recent, Artists, Albums, Songs, and Genres.
4. Tap  **Menu** for the following options:
 - **Settings:** allows you to view Open source licenses and the music version for the Play Music application.
 - **Help:** allows you to view a help file on the Google Support website.

Music Hub

The Music Hub app lets you upload your music collection to the cloud, stream and purchase songs from an extensive catalog, and listen to personal radio.

Note: You must sign up for an account before accessing some of the Music Hub options.

1. Sign on to your Samsung account if you have not already done so.
2. From the Home screen, tap → **Music Hub**
3. Tap **Start**.
4. The first time you access Music Hub, you are given a free 7-day trial. Tap **OK** to continue.
5. Follow the on-screen instructions to use Music Hub.
6. Tap (**Search**) and use the keyboard to enter a key word or phrase to search for tracks, albums, or artists.
7. Press **Menu** for additional options.

Music Player

Music Player plays songs stored on your tablet or an installed memory card.

1. From a Home screen, touch **Apps**
→ **Music Player**.
The Music Player application searches your device's internal storage or on an installed memory card for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application. It then displays your music in several ways.
2. Touch a tab, such as **Songs**, **Playlists**, **Albums**, and so on, to change the way you view the contents of your library.
3. Touch the Music application icon at the top-left of the Application bar to return to the previous Music screen.

Searching for Music

To find music in your library:

1. From a Home screen, touch  Apps
→  Music Player.
2. Touch  Search and use the keyboard to type the name of an artist, album, or song.

Music Player Options and Settings

To use Music Player options and configure settings:

1. From a Home screen, touch  Apps
→  Music Player.
2. Touch  Menu to display the following options:
 - **Go to Music Hub** This option allows you to enjoy all your music in one place. Choose from All Your Music, Unlimited Streaming, or Personal Radio. Follow on-screen instructions to access or setup your Samsung account.
 - **Delete**: Delete a song, an album, or every song or album.
 - **Share via**: Share your music. Select the songs you want to share, touch **Share**, touch an option, such as Bluetooth, and follow the on-screen instructions.

- **Set as alarm tone**: Choose a song and touch **Set** to use the song as an alarm tone.

- **Scan for nearby devices**: Discover and connect directly to nearby devices.

- **Settings**: The following settings display:

Advanced

- **Sound settings**: Choose **SoundAlive** and **Play speed** settings.
- **Lyrics**: Display the lyrics of the song, if available.
- **Music auto off**: Set the option Off or set your music to turn off automatically by touching one of the time values.

Music menu

- **Music menu**: Enable or disable the music display options that appear on the main music screen. A check mark  next to an option means that it is enabled.
- **End**: This option returns you to the home screen.

Managing Playlists

To create, manage, or delete a playlist:

- From a Home screen, touch Apps → Music Player.

Creating a Playlist

- Touch Add to playlist → Create playlist and use the keyboard to enter a name for the playlist.

Renaming a Playlist

1. Touch the Playlists tab.
2. Touch a playlist, touch Menu → Rename playlist and use the keyboard to enter a new name for the playlist.

Adding Songs to Playlists

1. Touch Add to playlist and touch a playlist.
– or –
Touch Playlists, touch a playlist, and then touch Menu → Add music in portrait mode.
All songs are displayed.
2. Touch next to each song you want to add or next to Add all to add all songs to the playlist.

3. Touch Done to save the playlist.

Removing Songs from Playlists

1. Touch Add to playlist and touch a playlist.
2. Touch to remove a song from the playlist.
3. Touch Done to save the playlist.

Changing the Order of a Playlist

1. Touch the Playlists tab and touch a playlist.
2. Touch Change order or Menu → Change order in portrait mode.
3. Touch the grid for an entry and drag the entry to a new position in the list.
4. Touch Done to change the order and save the playlist.

Playing a Playlist

1. Touch the Playlists tab.
2. Touch Favorites, Most played, or Recently added, or touch a playlist title that you created.
3. Touch a song to start playing the playlist at that song.

Deleting a Playlist

1. Touch the **Playlists** tab and touch a playlist.
2. Touch  **Delete** in the Application bar.
3. Touch the box next to a playlist title, touch **Remove**, and then touch **OK**.

Playing Music

To play a song:

1. From a Home screen, touch  **Apps**
→  **Music Player**.
2. Touch a song or touch an album or genre and then touch a song in the list of songs on the album.

The song you touch starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

Accessing the Music Player

If you navigate away from the Music Player application and music is playing, the Music notification icon  is displayed in the System Bar.

You can change songs or easily return to the Music Player:

1. Touch the Music notification icon  in the System Bar.
The Status Details pop-up displays.
2. Touch the song title to display the Music Player. You can also pause and resume playback and skip to the next or previous song in the panel. For more information, refer to “*Notifications*” on page 23.

Music Player Controls

When a song is playing, the Music Player screen displays and various controls are available.

1. From a Home screen, touch  **Apps**
→  **Music Player**.
2. Touch a song or playlist to begin playback.
The music player displays below (portrait mode) or to the right (landscape mode) of the music listing.
3. Touch the music player to enlarge it and touch the screen to display the sound and playlist controls.



4. During playback, use the sound and playlist controls:

- **Favorite:** Touch the star to mark the current song as a favorite.

- **Volume:** Touch to toggle Silent and Sound mode, then touch and drag on the scale to set volume. You can also press the Volume Key on the side of the device to adjust playback volume.
- **SoundAlive:** Touch to view and set SoundAlive options.
- **Info:** Touch to view information about the current song.
- **List Mode:** Touch to switch to the list of songs.
- **Shuffle:** When enabled, songs play in random order. When disabled, songs play in the order they appear in List view.
- **Progress Bar:** Touch and drag the end of the progress bar to scan forward or backward through the current song.
- **Playback Controls:** These buttons control the playback of songs:
 - Touch to advance to the next song. Touch and hold to scan forward through the current song.
 - Touch to go back to the previous song. Touch and hold to scan backward through the current song.
 - Touch to pause playback. Touch to resume playback.
- **Repeat:** Touch to repeat the current song, repeat all songs, or disable repeat mode.

Options While Playing a Song

- **End:** This option returns you to the home screen.

There are various options and controls available while a song is playing:

1. From a Home screen, touch  Apps
→  Music Player, touch a song or an album, and then a song.
2. Touch the music player to enlarge it.
3. Touch  Menu to display the following options:
 - **Add to playlist:** Add the song to a new playlist or an existing playlist.
 - **Via Bluetooth:** Play the current song by using a Bluetooth device.
 - **Share via:** Share your music. Touch an option, such as Bluetooth, select the songs you want to share, and touch **Share**.
 - **Set as alarm tone:** Use the current song as an alarm tone.
 - **Scan for nearby devices:** Discover and connect directly to nearby devices.
 - **Settings:** Displays Music Player settings. For more information, refer to “*Music Player Options and Settings*” on page 62.

Section 7: Photos and Video

This section explains how to use your device's built-in camera and camcorder, the Video Player app to view and manage videos, and the Gallery app to view, capture, and manage photos and videos. It also contains an overview of the PS Touch app, Media Hub, and Video editor apps.

Camera

Use your device's built-in camera and camcorder to take photos and record videos.

1. From a Home screen, touch  Apps →  Camera.

If a memory card is inserted, the Storage location pop-up displays.

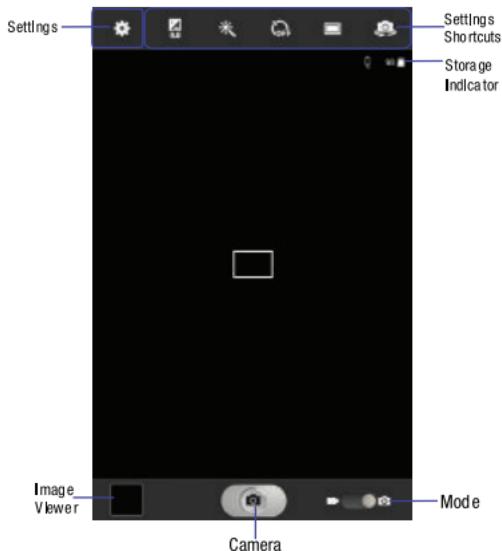
2. Touch **OK** to change the storage location to memory card.

– or –

Touch **Cancel** to use the device storage for storing pictures and videos.

Note: If memory card storage is used, photos are stored in the /storage/sdcard0/DCIM/Camera folder as jpg files. For more information, refer to “*My Files*” on page 105.

The Camera screen displays.



Taking Photos

To take a photo:

1. From a Home screen, touch Apps → Camera.
 2. Using the display as a viewfinder, compose your photo by aiming the lens at the subject.
- To configure settings, see “*Camera Settings*” on page 68.
3. You can also tap the screen to move the focus to the area you touch.
 4. To take the photo, touch the **Camera** button.
 5. Touch Back to leave the Camera and display the previous screen.

Important! Do not take photos of people without their permission.

Do not take photos in places where cameras are not allowed.

Do not take photos in places where you may interfere with another person’s privacy.

Camera Settings

Before you start taking photos, use the camera settings to configure the camera for best results. Camera settings are represented by icons on the left side of the screen.

Editing Camera Settings Shortcuts

The first five icons are actually shortcuts to camera settings. These five shortcuts can be customized to fit your preference.



Self-portrait,



Shooting mode,



Timer



Effects,



Exposure value are default settings

shortcuts.

To customize these shortcuts:

1. Touch **Settings** → **Edit shortcuts**.
– or –
Touch and hold any of the shortcut icons to edit them.
2. Touch and hold a setting, then drag and drop it on one of the five settings shortcuts to the left. The replaced setting shortcut displays in the edit list.

Configuring Camera Settings

To configure Camera settings:

- While in Camera mode, touch a settings shortcut or touch  **Settings** to configure the following camera settings:
 - **Edit shortcuts:** Customize your settings shortcuts. For more information, refer to “*Editing Camera Settings Shortcuts*” on page 68.
 - **Use the volume key as:** Press the volume key to zoom in or zoom out, or to capture the picture.
 - **GPS tag:** Touch to switch the GPS tag on or off.
 - **Self-portrait:** Touch to switch to the front-facing camera lens and take a photo of yourself.

Warning! If the battery is low, the flash is not available. For more information, refer to “*Charging the Battery*” on page 7.

- **Shooting mode:** Choose an automatic shooting mode, from:
 - **Single shot:** Take a single photo.

- **Panorama:** Touch the Camera button to take a photo, then slowly move the device until you have covered the area that you would like to photograph. The camera will alert you if you need to move up, down, right, or left. The camera will automatically take the pictures for you.
- **Share shot:** Share photos with other users via Wi-Fi Direct. A Wi-Fi Direct connection is required.
- **Buddy photo share:** Take and share photos with friends via face detection.
- **Smile shot:** Touch the Camera button to automatically focus on the subject's face and take the photo.
- **Cartoon:** Take a photo with cartoon effects.
- **Effects:** Apply an effect to photos.
- **Scene mode:** Choose a mode to match the kind of pictures you want to take.
- **Exposure value:** Use the slider to set the exposure value from -2.0 to +2.0.
- **Focus mode:** Set the focus mode to Auto focus or Macro.
- **Timer:** Set a delay time to wait between touching the Camera button and taking a photo.
- **Resolution:** Choose a size for the photo.

- **White balance:** Set the light source.
- **ISO:** This value determines how sensitive the light meter is on your digital camera. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.
- **Metering:** Select a method for measuring light.
- **Outdoor visibility:** When taking outdoor shots in bright settings, enabling Outdoor visibility illuminates your screen to make it easier to see what you are shooting.

Note: What you see on screen will not correspond to the luminance of the actual photograph taken.

- **Guidelines:** Enable or disable an on-screen grid to aid in photo composition.
- **Shutter sound:** Turn the shutter sound on or off.
- **Contextual filenames:** Enable or disable a system generated filename.
- **Take photos using voice:** Enable or disable an voice command to take a photo.

- **Save as flipped:** Set self-portrait mode and set this option to On to take and save a mirror-image photo.
- **Image quality:** Choose a quality setting for photos.
- **Storage:** Set whether to store your photos on your device or on your memory card, if one is installed.
- **Reset:** Set all Camera settings to the defaults.

Viewing Photos with the Image Viewer

After taking a photo, use the Image Viewer to view, share, delete, or edit photos.

1. Touch **Image Viewer** to view the photo.
2. Touch the screen to show or hide Image Viewer options.
3. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to “Pinch” on page 20.
4. Sweep across the screen to display the next or previous photo. The current photo is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo it represents.
5. To set the photo as a favorite, touch  **Favorites**.

6. Touch  Share to share the photo. Touch an option, such as Bluetooth, and follow the on-screen instructions. After using this option, the most recent Share option is displayed in the Application Bar.
7. To delete the photo being displayed, touch  Delete and then touch **Delete** to delete the photo or **Cancel** to exit.
8. Touch  Slideshow to display a slide show of the available pictures and videos.
9. Touch  Menu to select **Set as** to assign the photo as a Contact photo or a Home screen, Lock screen, or Home and lock screens wallpaper.

For more information, refer to “*Viewing Photos and Videos*” on page 77.

Note: Photos are stored in the /storage/sdcard0/DCIM/Camera folder as jpg files. For more information, refer to “*My Files*” on page 105.

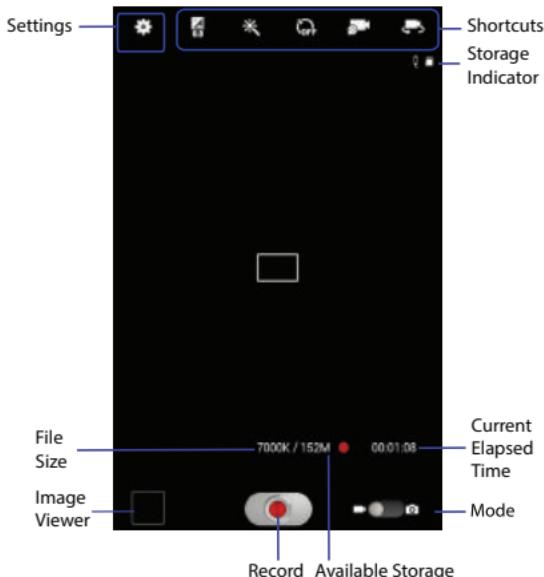
10. Press  Back to return to the Camera to take more photos.

Camcorder

Use your device’s built-in Camcorder to record high-definition video in 1080p resolution.

1. From a Home screen, touch  Apps →  Camera.
2. Slide the  Mode button to the  Camcorder setting.

The Camcorder screen displays.



Recording Videos

1. From a Home screen, touch Apps → Camera.
2. Slide the Mode button to the Camcorder setting.
3. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.
To configure settings, see “*Camcorder Settings*” on page 72.
4. You can tap the screen to move the focus to the area you touch.
5. To start recording, touch Record.
During recording, the Record button flashes.
6. To pause recording, touch Pause.
7. To stop recording, touch Stop.
8. Touch Back to leave the Camcorder and display the previous screen.

Important! Do not take videos of people without their permission.

Do not take videos in places where cameras are not allowed.

Do not take videos in places where you may interfere with another person’s privacy.

Camcorder Settings

Before you start taking videos, use the camcorder settings to configure the camcorder for best results. Camcorder settings are represented by icons on the left side of the screen.

Editing Camcorder Settings Shortcuts

As with the camera, the first five icons are actually shortcuts to camcorder settings. These five shortcuts can be customized to fit your preference.

Self-recording, Recording mode, Timer
 Effects, and Exposure value are default settings shortcuts.

To customize these shortcuts, see “*Editing Camera Settings Shortcuts*” on page 68.

Configuring Camcorder Settings

To configure Camcorder settings:

- While in Camcorder mode, touch a settings shortcut or touch  **Settings** to configure the following Camcorder settings:
 - **Edit shortcuts:** Customize your settings shortcuts. For more information, refer to “*Editing Camera Settings Shortcuts*” on page 68.
 - **Use the volume key as:** Press the volume key to zoom in or zoom out.
 - **GPS tag:** Touch to switch the GPS tag on or off.
 - **Self-recording:** Touch to switch to the front-facing camera lens and record a video of yourself.
 - **Recording mode:** Set a recording mode. Options are: Normal and Limit for email, which limits the size of the video to 50 megabytes.
 - **Effects:** Apply an effect to videos.
 - **Exposure value:** Use the slider to set the exposure value from -2.0 to +2.0.
 - **Timer:** Set a delay to wait between touching Record and starting recording.
 - **Resolution:** Set a size for the video.
 - **White balance:** Set the light source.

- **Outdoor visibility:** When recording outdoors in bright settings, enabling Outdoor visibility illuminates your screen to make it easier to see what you are recording.

Note: What you see on screen will not correspond to the luminance of the actual video taken.

- **Guidelines:** Enable or disable an on-screen grid to aid in video composition.
- **Contextual filename:** Enter the file with an applicable name.
- **Save as flipped:** Set self-recording mode and set this option to On to take and save a mirror-image video.
- **Video quality:** Choose a quality setting for videos.
- **Storage:** Set whether to store your videos on your device or on your memory card.
- **Reset:** Set all Camera settings to the defaults.

Viewing Videos with the Image Viewer

After recording a video, use the Image Viewer to play, share, or delete your video.

1. Touch **Image Viewer** to view the video.
2. Touch the screen to show or hide Image Viewer options.

- Sweep across the screen to display the next or previous video. The current video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the video it represents.
- To set the video as a favorite, touch Favorites.
- Touch Share to share the video. Touch an option, such as Bluetooth, and follow the on-screen instructions. After using this option, the most recent Share option is displayed in the Application Bar.
- Touch Slideshow to display a slide show of the available pictures and videos.
- To delete the video being displayed, touch Delete.

Note: Videos are stored in the /storage/sdcard0/DCIM/Camera folder as mp4 files. For more information, refer to "My Files" on page 105.

- To play a video, touch Play. Touch Pause to pause the video and touch Resume to resume playing the video.
- Touch SoundAlive to set the sound quality.

- Touch and drag the white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.
– or –
Touch Rewind to restart the video or Fast Forward to end the video.
- Touch for full-screen view. The entire screen is used, which may cause some minor distortion. Touch for original size view. The video will be played in its original size. Touch for full-screen in ratio view. The video is enlarged as much as possible without becoming distorted.
- Touch Pop up play to play a video as a small pop-up while viewing another screen. Touch and drag the pop-up video to the desired location on the screen. Double-tap the pop-up to return to full screen mode.
- Touch the Bookmark to mark this video.
- Press Back to return to the Camcorder.

Video Player

Your device's 8.0-inch 1280x800 WXGA TFT (PLS) LCD screen provides playback of videos. Use Video Player to view and manage videos stored on your tablet.

1. From a Home screen, touch Apps → Video Player.
2. Touch the **Thumbnails**, **List**, or **Folders** tab.
3. Touch **Search** and use the keyboard to enter a search term. The current folder is searched and results are displayed. Touch X to remove the search field.
4. While viewing the list, touch **Menu** for options:
 - **List by:** Display videos by Name (default), Date, Size, or Type.
 - **Share via:** Share the video. Touch an option, such as Bluetooth, and follow the on-screen instructions.
 - **Delete:** Touch videos to select them for deletion or touch **Select all** to delete all videos.
 - **Video editor:** Touch to download the Video editor from Samsung Apps then follow the on-screen instructions to edit your videos.
 - **Auto play next:** Touch to enable or disable automatic playing of videos in the order they appear.

- **Scan for nearby devices:** Discover and connect directly to nearby devices.

5. Touch a video to play it. While playing a video, touch the screen to display or hide on-screen playback controls.
6. Touch for full-screen view. The entire screen is used, which may cause some minor distortion. Touch for original size view. The video will be played in its original size. Touch for full-screen in ratio view. The video is enlarged as much as possible without becoming distorted.
7. Touch **SoundAlive** to set the sound quality.
8. Touch **Pop up play** to play a video as a small pop-up while viewing another screen. Touch and drag the pop-up video to the desired location on the screen. Double-tap the pop-up to return to full screen mode.
9. While the video is playing, touch **Bookmark** to mark your favorite areas of the video. A yellow mark displays on the progress bar.
10. During playback, press **Menu** for options:

- **Share via:** Share the video. Touch an option, such as Bluetooth, and follow the on-screen instructions.
- **Chapter preview:** If chapter information is recorded in the video file, display the chapters. Touch a chapter to begin playing the video at that point.
- **Edit:** Touch Trim or Video editor (download from Samsung Apps).
- **Tag buddy:** Assign a name to a person in a photo.
- **Add weather tag:** Choose from Sunny day, Cloudy day, Rainy day, Snowy day, or Clear night.
- **Via Bluetooth:** Turn Bluetooth on to use Bluetooth services.
- **Video auto off:** Set the automated stop for the playing video. Choose from **Off**, **After playing**, **After 15 mins**, **After 30 mins**, **After 1 hour**, **After 1 hour 30 mins**, and **After 2 hours**.
- **Scan for nearby devices:** Discover and connect directly to nearby devices.
- **Settings:** Touch this option to view the following:
 - **Play speed:** Touch and drag the slider to decrease or increase play speed.
 - **Subtitles:** View subtitles for the video, if available.
- **Auto play next:** Turn On or Off to automatically play the next video when the present video is finished playing.
- **Capture:** Turn On or Off the Capture mode.
- **Color tone:** Set the color tone to Normal, Warm, or Cold.
- **Outdoor visibility:** Turn outdoor visibility On or Off.
- **Details:** Provides details about the video, such as Name, Size, Resolution, and so on.

For more information, refer to “*Playing Videos*” on page 79.

Gallery

Use Gallery to view, capture, and manage photos and videos.

Note: Photos and videos are stored in the /storage/sdcard0/ DCIM/Camera folder, photos as jpg files and videos as mp4 files. For more information, refer to “*My Files*” on page 105.

Selecting Photos and Videos to View

1. From a Home screen, touch Apps → Gallery.
All albums display.

2. Choose items to display by making selections from the menus in the Application bar: **Albums**, **Time**, **Locations**, **Person**, **Group**, or **Favorites**.
3. To launch the Camera app, touch  **Camera**.
4. Touch the icon next to Camera to change the way your albums are displayed (**Grid**, **Timeline**, or **Spiral**).
5. Touch  **Menu** to display the following options:
 - **Slideshow:** View a slideshow of the available pictures and videos.
 - **Tag buddy:** Assign a name to a person in a photo.
 - **New album:** Create a new album. Use the keyboard to enter a name for the album.
 - **Hidden Items:** Touch this icon to show items that have been hidden.
 - **View by:** View content from all sources or set a single source, such as in your device.
 - **Select album:** Touch one or more albums or groups that you want to share, share, or delete.
 - **Settings:** Touch to access various Gallery settings.

Viewing Groups of Photos and Videos

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category and then a group to view it.
Thumbnails for each photo and video in the group display.
3. Touch  **Slideshow** to view a slideshow of the available pictures and videos.
4. Touch  **Menu** for these options:
 - **Select item:** Touch one or more items that you want to share, delete, or use for a slideshow.

Viewing Photos and Videos

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category and then a group to view it, and then touch a photo or video thumbnail.
3. Touch the screen to show or hide Gallery options.
4. Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to “*Pinch*” on page 20.

5. Sweep across the screen to display the next or previous photo or video. (Videos are indicated by the  **Play** button.) The current photo or video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo or video it represents.
6. Touch  to assign this photo or video as a Favorite.
7. Touch  **Share** to share the photo or video. Touch an option, such as Bluetooth, and follow the on-screen instructions.
8. Touch the  to choose from Start slideshow and Slideshow settings..
9. To delete the photo or video being displayed, touch  **Delete**.
10. Touch  **Menu** to display the following options for photos:
 - **Face tag:** Set whether to look for a face in this picture.
 - **Tag buddy:** Assign a name to a person in a photo.
 - **Add weather tag:** Choose from Sunny day, Cloudy day, Rainy day, Snowy day, or Clear night.

- **Photo frame:** Add a frame to the selected photo. Press **Save** when completed or **Cancel**.
- **Add note on back of image:** Add a note to a photo.
- **Copy to clipboard:** Copy the current photo to the clipboard.
- **Rotate left:** Allows you to rotate the photo counterclockwise 90 degrees.
- **Rotate right:** Allows you to rotate the photo clockwise 90 degrees.
- **Crop:** Allows you to crop the image. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done**. Touch **X** to stop without cropping the photo.
- **Paper Artist:** Use the Paper Artist app to edit your photo.
- **Set as:** Assign the photo as a Contact photo or a Home screen, Lock screen, or Home and lock screens wallpaper.
- **Buddy photo share:** Detect the face in this picture and email that person.
- **Print:** Print the current photo to a Samsung printer.
- **Rename:** Enter a new file name.
- **Details:** Provides details about the photo, such as title, time taken, size, and so on.

The following options are for videos that are not playing:

- **Tag buddy:** Assign a name to a person in a photo.
- **Rename:** Enter a new file name.
- **Details:** Provides details about the video such as Title, Time, Duration, and so on.

For menu options while a video is playing and other video options, see “*Video Player*” on page 75.

11. Touch  Back to return to the category screen.

Setting a Picture As

You can use the photos you take as a contact's photo or as wallpaper for the Home or Lock screen:

1. From a Home screen, touch  Apps →  Gallery.
2. Touch a category and then a group to view it, and then touch a photo to select it.
3. Touch  Menu → Set as.
4. Touch **Contact photo** and then touch a contact entry.
— or —

Touch **Home screen**, **Lock screen**, or **Home and lock screen**.

A crop photo screen displays.

5. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done** to save the cropped photo as the contact's icon or wallpaper. Touch **Cancel** to stop without cropping the photo.

Tip: To remove a contact photo, see “*Updating Contacts*” on page 34.

Tip: To change wallpaper, see “*Wallpapers*” on page 29.

Playing Videos

1. From a Home screen, touch  Apps →  Gallery.
2. Touch a category and then a group to view it, and then touch a video thumbnail to play the video.

Note: Videos are marked with a  Play button.

3. Touch  Pause to pause the video.
4. Touch  Resume to resume playing the video.

5. Touch and drag the  white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

– or –

Touch  **Rewind** to restart the video or

 **Fast Forward** to end the video.

Sharing Photos and Videos

Share photos and videos with your friends.

1. From a Home screen, touch  **Apps** →  **Gallery**.
2. Touch a category and then a group to display thumbnails.
3. Touch  **Menu** → **Select item**.
4. Touch one or more photos and videos to highlight them for sharing.
5. Touch  **Share**.
6. Touch an option, such as Bluetooth, and follow the on-screen instructions.

Section 8: Connections

Your device includes features to connect to the Internet and to other devices by using Wi-Fi, Bluetooth, or a USB cable.

Internet

Your device is equipped with a full HTML Browser that allows you to access the Internet.

- From a Home screen, touch  **Browser**.

Navigating the Internet

The following options are available for Internet navigation.

Command Keys

- Touch  **Back** or  to return to the previous page.
- Touch and hold  **Back** display browser History.
- Touch  **Forward** to go forward to a recent page.
- Touch  **Refresh** to reload the current page.

Touching and Dragging

- Touch and drag your finger on the screen to navigate pages and to reposition pages within the screen.

Entering Text in a Field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.

Zoom

- Tap the screen twice to zoom in or out.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.



Tip: For convenient browsing, you can rotate the device to landscape mode.

Selecting Items On a Page

While browsing, use gestures and menus to navigate:

- Touch an item to select it.
- Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink or an image for options.

Using Browser Windows

You can have multiple windows open at one time and easily switch between windows.

1. From a Home screen, touch  **Browser**.
2. To open a new window, touch  at the top of the screen.
3. To switch to another open window, touch its tab at the top of the screen.
4. To delete an open window, touch the tab at the top of the screen, and then touch .

Entering a URL

Access a website quickly by entering the URL.

1. From a Home screen, touch  **Browser**.
2. Touch the **URL** field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.

As you enter characters, potential matches display.

Note: Use the  **Delete** key to clear the URL field, if necessary.

3. Touch a match to complete the URL.

— or —

Continue entering characters and touch the **Go** key to load the page.

Creating Bookmarks

While browsing, bookmark a site to quickly access it later.

1. From a Home screen, touch  **Browser**.
2. Browse to a website, touch  **Add bookmark** at right of the address field, enter the required information, and touch **OK**.

A gold star  displays on the Bookmarked page.

Internet Menu

While viewing a webpage:

- Touch  **Menu** for options.

To configure web settings:

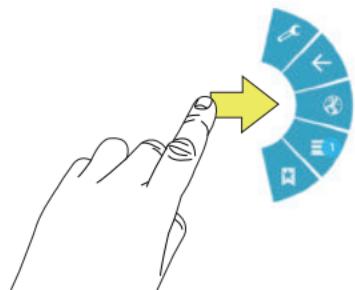
- Touch  **Menu** → **Settings**.

Follow the on-screen instructions.

Internet Quick Controls

Use Quick Controls to maximize your viewing area while browsing the internet.

1. From a Home screen, touch  **Browser**.
2. While viewing a webpage, touch  **Menu** → **Settings** → **Labs**, and then touch **Quick controls** to enable the function.
The Application and URL bars are hidden.
3. Swipe slowly inward from the left or right edge of the screen to access quick controls.



4. Without lifting your finger, move to an option and then lift your finger to initiate the option.

5. To cancel, display the Quick controls and touch  **Settings** → **Labs** and touch **Quick controls** to uncheck it.

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your device's Wi-Fi feature to:

- Access the internet for browsing or to send and receive email.
- Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with most hotspots) or Secured (requiring you to provide login credentials). Your device supports the 802.11 a/b/g/n Wi-Fi protocol.

Configuring Wi-Fi Settings

For more information about configuring your device's Wi-Fi settings, see "Wi-Fi" on page 120.

Finding Wi-Fi Networks

You can have your device automatically notify you of available networks. For more information, refer to “*Advanced Settings*” on page 121.

Turning Wi-Fi On

By default, your device’s Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From a Home screen, touch  Apps →  Settings → Wi-Fi.
2. Tap the ON/OFF slider, located to the right of the Wi-Fi field, to turn Wi-Fi ON .

Scanning and Connecting to a Wi-Fi Network

When you turn on Wi-Fi, your device searches for available Wi-Fi connections, then displays them on screen.

1. From any screen, touch the Time in the Status Bar. The Status Details displays.
2. Touch **Wi-Fi** to turn Wi-Fi On. Your device automatically scans for available Wireless Access Points.

3. When the scan is complete, touch a Wi-Fi network to connect. If the Wi-Fi network is open, your device automatically connects. If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From a Home screen, touch  Apps →  Settings.
2. Under **Wireless and network**, on the Wi-Fi tab, touch the OFF / ON icon  to turn Wi-Fi on.
3. Touch **Add Wi-Fi network**, then enter network information:
 - **Network SSID:** Enter the name of the Wi-Fi Wireless Access Point (WAP).
 - **Security:** Select the type of security used by the WAP.

Note: Depending on the Security protocol used by the WAP, additional network information may be required, such as a Password.

- **Password:** If the WAP is secured, enter the password or hex key.
4. Touch **Save** to save the settings.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

1. From a Home screen, touch Apps → Settings → Wi-Fi.

2. Touch the OFF / ON icon to turn Wi-Fi on.

3. At the top of the Wi-Fi screen, tap the Wi-Fi Direct button.

Your device will begin to search for other devices enabled with Wi-Fi direct connections.

4. Enable Wi-Fi Direct (similar to Steps 1 - 3) on the device to which you want to connect.
5. Once the device you want to connect to is displayed, touch on it.

An Invitation to connect displays on the device to which you want to connect.

6. On that device, touch Accept.

You have 30 seconds to touch Accept on the device to which you want to connect for the connection to be made.

Once connected, the other device will show as Connected in your list of Wi-Fi Direct devices and the icon will display at the bottom of your screen.

Sharing Information with Connected Device

To share videos, photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or My Files folder, then touch the Share, Share via, or Send via option.

2. Touch the Wi-Fi Direct option.

The Wi-Fi Direct settings screen displays, Wi-Fi Direct is turned on, and your device scans for other devices.

3. Touch a connected device name. For example, Android_XXXX.

4. The other device displays a pop-up that indicates it is receiving the file.

The file is transferred and can be found in My Files in the ShareViaWifi folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You do not need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Configuring Bluetooth Settings

Configure your device's Bluetooth settings. For more information, refer to "Bluetooth" on page 122.

Turning Bluetooth On or Off

To turn Bluetooth on or off:

1. From a Home screen, touch  Apps →  Settings.
2. Under **Wireless and network**, on the Bluetooth tab, touch the OFF / ON icon   to turn Bluetooth on or off.

Note: When Bluetooth is on, the **Bluetooth** icon  displays in the Status Bar.

Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between your device and the target device.

Tip: After pairing, your device and the target device recognize each other and exchange information without having to enter a passcode or PIN.

1. From a Home screen, touch  Apps →  Settings.
2. On the Bluetooth tab, touch the OFF / ON icon   to turn Bluetooth on.
3. Enable the target device's discoverable or visible mode.
4. Touch the **Bluetooth** tab and then touch **Scan**. Touch **Stop** at any time to stop scanning.
5. From the list of found devices, touch the target device, then follow the prompts to complete the pairing:

- If the target device requires a PIN, enter a PIN for the target device and touch **OK**. When prompted, enter the PIN on the target device.
- If the device allows automatic or smart pairing, your device attempts to pair with the device automatically. Follow the prompts on your device and the target device to complete the pairing.

Sharing Data with a Bluetooth Device

To send data to a Bluetooth device:

1. Select a file or item from an appropriate application.
2. Select an option for sharing data with the Bluetooth feature.

Note: The method for selecting an option may vary by data type.

3. Search for and pair with a Bluetooth device. For more information, refer to “*Pairing with a Bluetooth Device*” on page 86.

Receiving Data from a Bluetooth Device

To receive data from a Bluetooth device:

1. Turn Bluetooth on. For more information, refer to “*Turning Bluetooth On or Off*” on page 86.

Note: To select the length of time that your device will be visible, select  **Menu** → **Visibility timeout**.

2. Pair with the Bluetooth device from which you want to receive data. For more information, refer to “*Pairing with a Bluetooth Device*” on page 86.
A Bluetooth authorization request pop-up displays when a Bluetooth device sends data to your device.
3. Select **Accept** to confirm that you are willing to receive data.
A **File received** message displays.

Note: Received data is saved to the Bluetooth folder. If you receive a contact, it is saved to your contacts automatically.

Managing Downloads

Files, apps, and other items you download in Internet, Gmail, Email, or in other ways, are stored on your tablet's internal storage. You can use the Downloads app to view, reopen, or delete what you have downloaded.

To manage the demands on their networks or to help you avoid unexpected charges, some mobile networks place restrictions on the size of the files you can download. When you are connected to such networks, and you try to download an oversized-file, you are asked or required to delay downloading the file until the next time you are connected to a Wi-Fi network. At that time, the download resumes automatically. The Downloads app can also be used to view and manage these queued files.

Downloaded files are stored in the Download directory in your tablet's internal storage. You can view and copy files from this directory when connected to a computer with a USB cable.

Uninstalling an App

Apps come pre-installed on your device and you can download additional apps from Google Play. If you decide to, you can uninstall apps you downloaded from Google Play and other sources.

There are several ways to uninstall an app:

1. From a Home screen, touch Apps → Settings → Application manager.
2. Touch the Downloaded tab.
3. Touch the app you want to uninstall.
4. Touch the Uninstall button.
A pop-up displays the message **Application will be uninstalled.**
5. Touch OK to confirm you want to uninstall the app.

You can also use Google Play to uninstall apps you downloaded from there (see “*Play Store*” on page 109).

Kies Via Wi-Fi

Samsung Kies is a software that enables you to update your device firmware, synchronize files, and transfer data to and from your device directly by connecting to the PC.

Note: Some features will be supported through the System Updates feature in the future. For more information, refer to “*Software Update*” on page 155.

To learn more about Samsung Kies and Samsung applications, browse featured applications and download Kies at: <http://www.samsung.com/us/support/downloads>.

Note: Samsung Kies works on both PC and Macintosh computers.

Connecting With Samsung Kies via Wi-Fi

1. From your PC, download the Samsung Kies application if you don't already have it. You can find it at samsung.com.

Warning! Close any running applications before connecting your device to a PC.

2. From your PC, launch the Samsung Kies application.
3. From your PC, connect to a Wi-Fi network.
4. From a Home screen, touch Apps → Settings.
5. Touch More settings → Kies via Wi-Fi.

6. From your device, connect to the same Wi-Fi network that your PC is connected to if you have not already done so. For more information, refer to "Connect to a Wi-Fi Network" on page 170.

Synchronizing with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1. Attach your device to the computer with the USB cable. Your computer recognizes the connection and displays the AutoPlay screen.
2. Click the option to **Sync digital media files to this device** to synchronize music files.
3. Select and drag the music files you want to the sync list and begin synchronizing.
4. When finished, exit Windows Media Player and disconnect the USB cable.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as folder **Card**, separate from the internal memory, which is folder **Tablet**.

1. Insert a memory card into the device to transfer files from or to the memory card.
2. Attach your device to the computer with the USB cable. Your computer recognizes the connection and displays the AutoPlay screen.
3. Click the option to **Open device to view files**. You should see a Card and a Tablet folder.
4. Copy files from the PC to the memory card (Card folder).
5. When finished, close the PC folder and disconnect the USB cable.

Section 9: Applications

This section contains a description of each application that is available on the Apps screen, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided. Various widgets are also described.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens, if it is not there by default. For details, see “*App Shortcuts*” on page 28.

Updating Applications

Once you have registered your device (see “*Software Update*” on page 155) and signed into your Google account (see “*Setting Up Your Gmail Account*” on page 48), you may see the  **Updates Available** notification in the Status Bar if there is a new version of one or more apps available or, when you open an application that is preloaded on your device, an **Update Available** message may be displayed.

To update the applications:

1. Touch the Time / Status Icons area to display the Status Details panel.
The Status Details display.
2. Touch **Updates available**.
For more information, refer to “*Updates to Downloaded Apps*” on page 109.

GPS Applications

GPS applications allow you to achieve real-time, GPS-enabled, turn-by-turn navigation and to access local searches based on a variety of category parameters.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Global GPS turn-by-turn navigation, mapping, and Point of Interest content is available for three continents, including North America (U.S., Canada, and Mexico), Western Europe, and China, where wireless coverage is available.

Important! If you touch or cover the internal GPS antenna while using GPS services, it may impede the GPS signal resulting in the GPS services not working in an optimal manner. Refer to the following diagram to locate the approximate location of the internal GPS antenna.

Alarm

Set alarms for reminders or for wake-up times.

Adding and Configuring Alarms

1. From a Home screen, touch  Apps →  Alarm.
2. Touch  Create alarm to display the Create alarm screen.
– or –
Touch an existing alarm to display the Edit alarm screen.
3. Touch fields on the screen to configure the alarm.

- Some fields have preset values. Touch the field and touch the desired value.
- Other fields have to be input. Touch the field and use the on-screen keyboard to input information.
- Touching the check box next to some fields may make additional fields available.

4. Touch Save to save the alarm.

The main Alarm screen displays showing the new or updated alarm.

Activating Alarms

1. From a Home screen, touch  Apps →  Alarm.
2. Touch  Turn alarm on to activate the alarm. A gray alarm means the alarm is deactivated.
3. Touch an alarm to change any of its settings and then touch Save to save the updates.

Editing and Deleting Alarms

1. From a Home screen, touch  Apps →  Alarm.
2. Touch and hold an alarm and then touch one of the following options:
 - **Edit:** Edit the alarm. For more information, refer to “Adding and Configuring Alarms” on page 92.

- **Delete:** Delete the alarm.

– or –

Touch  **Delete**, touch the existing alarms you want to delete or touch **Select all**, and then touch **Delete**.

Turning Off an Alarm

When the alarm sounds, to turn off the alarm:

- Touch and drag  to the right.

Setting the Snooze Feature

To activate the Snooze feature after an alarm sounds:

- Touch and slide  to the left. Snooze must first be set in the alarm settings.

Amazon Kindle

This application allows you to download books, magazines, and newspapers to read on your tablet.

1. From a Home screen, touch  Apps → **Amazon Kindle** .
2. At the Kindle display, tap **Get Kindle for Android**.
3. Sign on to your Google account if you have not already done so.

4. Follow the on-screen instructions to download the application from the Play Store.

aNote HD

Use ANote HD, to easily and effectively managing your life on the go. Use the tabs to choose the categories for notes, such as creating a shopping list and check things off on-the-go.

1. From a Home screen, touch  Apps →  **aNote HD**.
2. Use the tabs on the left of the screen to touch the category you wish to use. Choose from the following options.
 - Quick Memo
 - Calendar
 - My Idea
 - My Diary
 - Travel Journal
 - Shopping
 - To-Do list
 - Anniversary
 - My Calendar
 - Work
 - Study
 - Scrap

- Email/Print
- Recipe
- Thoughts

Settings

- Touch the  to access Settings:
 -  **Help & Support:** This help option provides Screen Tips, User Guide, BRID Website, and Copyright information. Follow on-screen instructions for more information.
 -  **General:** This option allows you to adjust the Image Quality.
 - **Image Quality:** Choose from Low Quality, Normal Quality and High Quality. Tap the  to make your selection.
 - **Save Images to Gallery when taking a picture:** Use the OFF / ON icon  to automatically save your images to your the Gallery.
 - **Background:** Choose from background options shown on the screen. Tap the background image to make your selection.
 -  **Passcode Lock:** Use this option to set a passcode for this application.

- **Passcode Lock:** Use the OFF / ON icon  to turn the Passcode Lock option on or off.
- **Change Passcode:** Use the Change Passcode option to reset your passcode. Enter a passcode at the pop-up screen.
- **Startup:** This passcode is used in locking individual folders, the entire application and when using this application. Use the OFF / ON icon  to enable this option.

Tip: Use the OFF / ON icon  to enable these options.

-  **To-do Settings:** Use this option to set the following options:
 - **Badge Count:** Available options are: Overdue+Today, Overdue+Today+Tomorrow, or Overdue. Tap the  to make your selection.
 - **Set Alarm for Due-date:** Tap the OFF / ON icon  to activate this option.
 - **To-do:** Available options are: Standard Alarm 1, Standard Alarm 2, Bird, Alarm Clock, and Trumpet. Tap the  to make your selection.

- **Anniversary:** Available options are: Bell, Piano, Happy Birthday. Tap the  to make your selection.
-  **Backup/Restore via USB:** Use this option to Backup and Restore files.
Tap the Create a New Backup option to create a current backup of your Note.
Tap the Restore option to select the backup to restore.
-  **Web Sharing over Wi-Fi:** Use this option to Start the Backup or Restore options using Wi-Fi.

AT&T AllAccess

AT&T AllAccess is the easy-to-use, all-in-one tool that helps you view and manage your data plan.

- From a Home screen, touch  Apps →  **AllAccess**.

Your Data plan and Data Usage is displayed. You can manage your account, view your bill, and contact customer support.

AT&T Device Help

AT&T Device Help provides online information to help with your tablet questions.

1. From a Home screen, touch  Apps →  AT&T Device Help .
2. Follow the on-screen instructions for accessing helpful information.

AT&T Locker

AT&T Locker allows you to store, share, and sync all of your photos, videos, and documents in one safe, convenient place; the AT&T cloud.

1. Sign on to your Google account if you are not already signed on.
2. From a Home screen, touch  Apps →  AT&T Locker .
3. At the AT&T Locker home screen, tap **Sign Up** to create an account or tap **Log In** if you already have an account.
4. Follow the on-screen instructions to use AT&T Locker.

AT&T Ready2Go

AT&T Ready2Go allows you to quickly and easily setup your tablet by using the web browser on your PC. You can set-up email accounts, import contacts, set wallpaper, configure Wi-Fi and many more features. For more information, refer to “*Setting Up Your Device*” on page 10.

Browser

Your device includes a full HTML Browser, to access the internet.

For more information, refer to “*Internet*” on page 64.

- From a Home screen, touch Apps
→ Browser.

Calculator

The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems.

1. From a Home screen, touch Apps
→ Calculator.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the + (add), - (subtract), × (multiply), or ÷ (divide) key.

4. Enter the next number.
5. To view the result, touch the = (equals) key.
6. Repeat Steps 3 through 5 as many times as required.
7. Touch to clear the result.
8. For more advanced problems, rotate your device to landscape mode and use the advanced operators **sin**, **ln**, **cos**, **log**, **tan**, and so on, just as you would on a pocket calculator.
9. Touch and hold entries in the Calculator's display field to copy or cut the contents of the display.
The and displays. Use the icons to select the content to Cut or Copy. Select the to review the Clipboard.

Calendar

Your device includes a powerful calendar to help you organize your schedules more conveniently and effectively. Learn to create and manage events and tasks, and set alarms to remind yourself of important events and tasks.

1. From a Home screen, touch Apps
→ 31 Calendar.

2. Touch a the **Month** drop-down box at the top of the screen to choose a calendar view. The default is Month. The following options are available:

 - **Year**: Display all twelve months of this year. Sweep across the years at the bottom of the screen to display another year.
 - **Month**: Display the current month. Touch a month and year at the bottom of the screen to display another month.
 - **Week**: Display the current week. Touch a week at the bottom of the screen to display another week.
 - **Day**: Display today's schedule by hour. Touch day at the bottom of the screen to display another day.
 - **List**: Display only event and task names and dates for a selected year. Touch a year at the bottom of the screen to display another year. Touch a date to hide or show the event or task name.
 - **Task**: Display your list of tasks. Touch the sort field to change how your tasks are sorted. Tasks can be sorted by due date, priority, date, week, month, or group.
3. Swipe left or right across the screen to view other months, days or weeks depending your your setup. Swipe up or down the screen to view other events.
4. To find an event or task, touch  **Search**. Use the on-screen keyboard to enter a search term. Possible events display as you type. Touch  to display the keyboard. Touch an event to send, edit, or delete the event.
5. Touch  **Add event**, **Add task**, **Add memo** and then touch **Save** to add a new event to your calendar. For more information, refer to “*Creating an Event or Task*” on page 98.
6. Touch  **Menu** to select from the following options:

 - **Zoom in**: Use this to zoom in on the calendar event.
 - **Zoom out**: Use this to zoom out on the calendar event.
 - **Go to**: Use this option to go directly to a different date using the calendar function.
 - **Delete**: Use this option to delete an event.
 - **Sync**: Use this option to synchronize the calendar with other devices.
 - **Settings**: Use this setting to View settings and their options, Event notification and their options, Sync settings, and the associated email accounts attached to this calendar.

7. Touch **Today** to return to the current date.
8. Touch **Calendars** to configure which events to display.
Touch **Add account** to add additional accounts from which calendar events can be synced.

Creating an Event or Task

To create an event or task:

1. From a Home screen, touch Apps → 31 Calendar.
2. Double-tap the date for which you want to enter an all day event or task.
– or –
Touch the date for which you want to enter an event or task and touch .
3. Touch the **Add event** or **Add task** tab.
4. Enter the event or task information.
5. Touch **Save**.

Add Additional Calendar Accounts

To add additional accounts:

1. From a Home screen, touch Apps → 31 Calendar → Calendars → Add account.

– or –

From a Home screen, touch Apps → Settings → **Add account**.

The Add account screen displays.

2. Touch an account type and enter your account information.

Calendar Settings

To set up Calendar preferences:

1. From a Home screen, touch Apps → 31 Calendar.
2. Touch Menu → **Settings**.
3. On the left side of the screen touch **View settings**, **Event notification**, **Sync settings**, or one of your accounts.
Options display on the right side of the screen.
4. Touch fields on the screen to configure the Calendar.
 - Some fields have preset values. Touch the field and touch the desired value.
 - Other fields have to be input. Touch the field and use the on-screen keyboard to input information.

- Touching the check box next to some fields may make additional fields available.

Camera

Take photos and record video with your device's built in Camera.

For more information, refer to "Camera" on page 67.

- From a Home screen, touch Apps → Camera.

ChatON

Use ChatON to send and receive instant messages from any device that has a mobile phone number.

For more information, refer to "ChatON" on page 58.

- From a Home screen, touch Apps → ChatON.

Chrome

Use Chrome to browse the internet and bring your open tabs, bookmarks and omnibox data from your computer to your phone or tablet.

- From a Home screen, touch Apps → Chrome.

Follow on-screen instructions.

Contacts

Store contact information for your friends, family and colleagues, to quickly access information or to send a message.

For more information, refer to "Contacts" on page 34.

- From a Home screen, touch Apps → Contacts.

Downloads

Files, apps, and other items you download in Internet, Gmail, Email, or in other ways, are stored on your tablet's internal storage. Use the Downloads app to view, reopen, or delete what you have downloaded.

1. From a Home screen, touch Apps → Downloads.
2. Touch an item to open it.
3. Touch headings for earlier downloads to view them.

4. Touch items you want to send, to check them, and then touch  **Share**. Touch an option to share the item. Options are: aNote HD, AT&T Locker, Bluetooth, ChatON, Email, Flipboard, Gmail, Google+, Group Play, Paper Artist, Picasa, S Note, Wi-Fi Direct, or YouTube (videos only).
5. Touch items you want to delete, to check them, and then touch  **Delete**.
The items are deleted from your tablet.
6. Touch **Sort by size** or **Sort by date**, at the bottom of the Downloads pop-up, to switch back and forth. Touch **Clear list** to cancel the download and clear the download history.

Email

Send and receive email using popular email services. For more information, refer to “Email” on page 51.

- From a Home screen, touch  Apps →  Email.

Flipboard

This application creates a personalized digital magazine out of everything being shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook newsfeed, tweets from your Twitter account, photos from friends and much more.

1. From the Home screen, tap  → .
2. Tap **Get started**, select some on-screen categories and tap **Build Your Flipboard** to create a new profile.
 - or –
3. Follow the on-screen instructions.

Gallery

Use Gallery to view, capture, and manage photos and videos. For more information, refer to “Gallery” on page 76.

- From a Home screen, touch  Apps →  Gallery.

Game Hub

Access social and premium games. Join Game Hub to enjoy free games with your friends.

1. From a Home screen, touch Apps



A Disclaimer screen displays.

2. Read the Disclaimer and touch **Confirm**.
3. Touch Menu to display the following options:
 - **Uninstall**: Touch this option to uninstall a previously installed game.
 - **Legal notices**: Displays Game Hub legal information.
4. Touch a game and follow the on-screen instructions.

Games

Access social and premium games. Join Game Hub to enjoy free games with your friends.

1. From a Home screen, touch Apps →
2. Touch a game and follow the on-screen instructions.

Gmail

Send and receive email with Gmail, Google's web-based email. For more information, refer to "Gmail" on page 48.

- From a Home screen, touch Apps →

Google Search

Search the internet using the Google search engine.

1. From any Home screen, touch Apps →
2. Use the keyboard to enter search criteria to display matching searches.
 - or –
From the main Home screen, swipe your tablet to the left, then touch
 - 2. Use the keyboard to enter search criteria to display matching searches.
 - or –
Touch and speak the search criteria slowly and clearly. Google searches for the information and displays results.
3. Touch a suggestion to search for that term.
 - or –
Suggestions display below the text entry area.

Touch  on the keyboard to start the search.

A browser window displays the search results.

To use Voice Search directly:

1. From a Home screen, touch  Apps →  Voice Search.
2. Touch  and speak the search criteria slowly and clearly. Google searches for the information and displays results or displays **Retry**. Touch the  to retry speaking the search word(s).

Google+

Share updates and see what is going on around you with Google+ for mobile.

For more information, refer to “*Google+*” on page 58.

- From a Home screen, touch  Apps →  Google+.

Group Play

Group Play is an easy way to share files in real time with others who are on the same Wi-Fi network. Group Play can be used when you want to share documents, images, music, and so on.

You can use Group Play for meetings, sales presentations, conferences, and classes. All you need is a Wi-Fi network that works with Group Play, and most do.

Using Group Play from an Application

While using various applications, such as  Gallery, when you touch  Share to share a file, you see Group Play as an option.

To share a file using Group Play:

1. From a Home screen, touch  Apps →  Gallery.
2. Navigate to the file you want to share and touch  Share via → **Group Play**.

For more information, refer to “*Gallery*” on page 76.

Note: After the initial Group Play request, touch

 **Group Play** instead of  Share.

3. Use the keyboard to enter a PIN code and touch **Done**.

This process makes sure only desired recipients can view your shared image.

The Group Play screen displays and the device waits for other connected recipients to accept the connection and enter the PIN on their screens.

You can now interact and draw with the on-screen image, and users will instantaneously see the same gestures and also be able to interact.

Note: The newly altered image (with markups and comments) cannot be saved, but you can take a screen shot of the current image and save it to your Clipboard. For more information, refer to “*S Pen Screen Capture*” on page 22.

Using Group Play Directly

You can also access Group Play from the Applications screen.

1. From a Home screen, touch Apps → Group Play.

The Group Play screen displays.

2. If **Not connected** is displayed on the left side of the screen, touch **Wi-Fi settings** to connect to a Wi-Fi network.

Once your device is connected to a Wi-Fi network, the network name is displayed.

3. Touch **Start** to share a picture, document, or music. For more information, refer to “*Using Group Play from an Application*” on page 102.
4. Touch **Join** to join a Group Play session in progress. Use the keyboard to enter the required PIN code and touch **Done**.

Help

Use this app to learn more about your camera, change important settings, use key applications, and link to product videos.

1. From a Home screen, touch Apps → Help.
2. Touch a topic on the left side of the screen to view information on the right side of the screen.

Local

Google Local is an application that uses Google Maps and your location to help you find destinations, such as restaurants, bars, hotels, attractions, ATMs, and gas stations. You can also add your own locations.

Note: You must enable location services to use Local. Some features require Standalone or Google location services. For more information, refer to “*Location Services*” on page 134.

1. From a Home screen, touch Apps → Local.
2. Touch to choose or enter your location.
3. Touch one of the business categories to search for a particular business.
4. Touch a business in the list to see more details about it.
5. Touch your location at the bottom of the Local pop-up to write or view reviews, check in here, and so on.
6. For more information touch Menu → Help.

Maps

Use Google Maps to find your current location, get directions, and other location-based information.

Note: You must enable location services to use Maps. Some features require Standalone or Google location services. For more information, refer to “*Location Services*” on page 134.

- From a Home screen, touch Apps → Maps.

Navigating the Map

Zooming

- Double-tap on the screen to zoom in.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.



Tip: For convenient browsing, you can rotate the device to landscape mode.

Scrolling

- Touch and drag on the screen to reposition the map in the display.

Touch

- Touch an icon on the map to display information about the location. For example, your location is indicated by a flashing icon.

Maps Menu

While viewing a map:

1. Touch  Menu for options.
2. Touch  Menu → Settings to configure Maps settings.
3. For more information touch  Menu → Help.

Messenger

With Google Messenger, you can bring groups of friends together into a simple group conversation.

For more information, refer to “Messenger” on page 58.

- From a Home screen, touch  Apps
→  Messenger.

Music Hub

The Music Hub lets you purchase and download songs and albums. For more information, refer to “Music Hub” on page 61.

- From a Home screen, touch  Apps
→  Music Hub.

Music Player

Play music and other audio files that you copy from your computer.

For more information, refer to “Music Player” on page 61.

- From a Home screen, touch  Apps
→  Music Player.

My Files

Find, view, and manage folders and files, such as music files, photo files, video files, and so on, stored on your tablet. If the file is associated with an application on your device, you can launch the file in the application.

1. From a Home screen, touch  Apps
→  My Files.
2. Touch a folder and scroll down or up until you locate a file.

Note: You may have to touch one or more subfolders before you encounter files.

3. Touch a file to launch it in the associated application, if the file is associated with an application.

4. While browsing files, use these controls:



Up: Display a higher directory.



Search: Use the keyboard to enter a search term. The current folder is searched and results are displayed. Touch **X** to remove the search field.



Display mode: Enable thumbnails for each file.

– or –



Enable list mode.



Home: Display the root directory.



Create folder: Create a new folder in the current folder.



Mark files: Touch the box to the left of each file or next to the folder to select all files in the folder. Then touch copy, cut, delete, or send via in the Application bar.

5. To view a photo file:

- Touch the file.

The Complete action using pop-up displays.

- Touch **Gallery** to use that app to open the photo.

6. To view a video file:

- Touch the file.

The Video Player is launched and plays the video.

For more information, refer to “*Video Player*” on page 75.

myAT&T

The myAT&T application allows you to manage your own AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your rate plan.

Note: The first time you use myAT&T, you will need to download the updated application from the Play Store. When the Play Store page displays, tap **Update**. For more information, refer to “*Play Store*” on page 109.

Initial Setup

1. From the Home screen, tap → myAT&T .

2. Sign into your Google Account. If you haven't set up an account, see "Creating a New Google Account" on page 14.
3. After signing into your Google Account, the Play Store displays the **myAT&T** application. Tap the application.
4. Tap **Update**.
5. Follow the on-screen instructions.

Using myAT&T

1. From the Home screen, tap → **myAT&T** .
- The **myAT&T** page is displayed.
2. Read the Terms and Conditions and tap **Accept** to continue.
3. Enter your **User ID** and **Password** using the on-screen keypad, then tap **Login**.
4. Follow the on-screen instructions.

Navigation

Use Google Navigation to find a destination and to get walking or driving directions.

Navigation works best when Wi-Fi is enabled. For more information, refer to "Turning Wi-Fi On" on page 84.

Note: You must enable location services to use Navigation. Some features require Standalone or Google location services. For more information, refer to "Location Services" on page 134.

- From a Home screen, touch **Apps** → **Navigation**.

Navigation Menu

While viewing a map:

1. Touch **Menu** for options.
2. Touch **Menu** → **Settings** to configure Navigation settings:
3. For more information touch **Menu** → **Help**.

Paper Artist

Add cartoon and many other effects to existing photos or photos you take within Paper Artist.

1. From a Home screen, touch **Apps** → **Paper Artist**.
2. Touch **Menu** → **Help** to get started.

Play Books

Use the Play Books app to read eBooks from the Internet-based Google Play Books service. Google eBooks is a new way to discover, buy, and enjoy your favorite books online and offline.

- From a Home screen, touch Apps
→ Play Books.

The Google Play Books main screen displays.

Note: You may be asked to create or sign on to your Google account. For more information, refer to “*Setting Up Your Gmail Account*” on page 48.

Play Books Menu

From the Play Books main screen:

1. Touch Menu for options.
2. Touch Menu → **Settings** configure Play Books settings.
3. For more information touch Menu → Help.

Play Magazines

Google Play Magazines helps you subscribe to your favorite magazines so you can have them available to read on your tablet at your leisure.

- From a Home screen, touch Apps
→ Play Magazines.

Play Movies & TV

The Play Movies & TV app is a new application for select Android devices. Any movie you rent from the Google Play Store can be downloaded for offline viewing through this application. In addition, the Play Movies & TV app can be used to stream your Google Play movie rentals as well as play any of your personal videos stored on your tablet.

1. From a Home screen, touch Apps
→ Play Movies & TV.
2. For more information touch Menu → Help.

Play Music

Play music and other audio files that you copy from your computer.

For more information, refer to “*Google Play Music*” on page 60.

- From a Home screen, touch  Apps
→  Play Music.

Play Store

Google Play Store provides access to downloadable applications and games to install on your device. It also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your device.

1. From a Home screen, touch  Apps
→  Play Store.
If you are not already logged in with your Google account, the Add a Google Account screen displays.
 - Touch **Existing**, if you already have a Google account, or **New** to create a Google account.

For more information, refer to “*Setting Up Your Gmail Account*” on page 48.

2. The first time you open Play Store, read the Google Play Terms of Service, the Google Music Terms of Service, the Google Books Terms of Service, and the YouTube Rentals Terms of Service, then touch **Accept** to continue.
3. To get help for using Google Play, touch  Menu → Help.

Updates to Downloaded Apps

You can check for new versions of applications by visiting the Google Play Store. Items that have a new version available will say **Update**.

You can also select apps that you would like to be updated automatically. To do this:

1. From a Home screen, touch  Apps
→  Play Store.
2. Touch  Installed Apps.
3. Touch the **Installed** tab to list the Play Store apps installed on your device.
Update is displayed if there is an update available for the app.

4. Touch an app and then touch **Allow automatic updating** to enable automatic updating.
5. Touch **Open** to open the app on your device.
6. Touch **Update** to immediately update the app on your device.

Polaris Office

Polaris Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

The application can also open Adobe PDF (Portable Document Format) files.

1. From a Home screen, touch Apps → Polaris Office.
2. Enter your Email information, if desired, and touch **Register** to complete the process.
– or –
Touch **Skip** to ignore this registration.
The main Polaris Office screen displays.
3. To get help for using Polaris Office, touch Menu → **Help** → **User Guide**.

S Note

Use S Note to create notes with productivity tools that turn handwriting into typed text and correct drawn shapes, lines, and formulas to make them perfect.

1. From a Home screen, touch Apps → S Note.
2. Touch **Cancel/OK** to remove the Learn about application pop-up.

S Voice

The S Voice app enables you to perform various tasks simply by speaking.

1. From a Home screen, touch Apps → S Voice.
The Samsung Disclaimer for S Voice displays.
2. Touch **Confirm**.
The Terms of Service displays.
3. Touch **Terms of service** and **Privacy policy** to read those documents and then touch **Agree**.
The About S Voice pop-up displays.
4. Touch **Next** to view a tutorial or touch **Skip** to display the S Voice main screen.

5. Touch  in the lower, right corner of the S Voice screen to display phrases you can use to open various apps.
 6. Touch  **Menu → Settings** to view and manage your S Voice settings. Touch fields on the screen to configure the settings.
 - Some fields have preset values. Touch the field and touch the desired value.
 - Other fields have to be input. Touch the field and use the on-screen keyboard to input information.
 - Touching the check box next to some fields may make additional fields available.
 - Touch **Help** for more information.
2. From a Home screen, touch  **Apps** →  **Samsung Apps**.
 3. Tap an application that you would like, then tap **Get**.
 4. Tap **Accept and download**.
The application is downloaded to your device. You can find the app icon in your app menu.
 5. Press  **Menu → Help and notices** for additional information.

Samsung Link

This application wirelessly synchronizes your Samsung device with your TV, streams content, and even keeps tabs on who calls or sends text messages with real-time, on-screen monitoring. Samsung Link makes staying connected easy.

Samsung Link allows users to share their in-device media content with other external devices using DLNA certified™ (Digital Living Network Alliance) Devices. These external devices must also be DLNA-compliant. Wi-Fi capability can be provided to TVs via a digital multimedia streamer.

Samsung Apps

Connect to Samsung Apps and make your smart device even smarter. Simply and easily download an abundance of applications to your tablet such as games, news, reference, social networking, navigation, and more.

1. Sign on to your Samsung account if you have not already done so.

Important! You must first connect both of your communicating devices to the same Wi-Fi and be using an active/registered Samsung account prior to using this application. For more information, refer to “Wi-Fi” on page 120. For more information, refer to “Creating a Samsung Account” on page 11.

1. From the Home screen, tap  → **Samsung Link**

2. Tap **Service introduction video** for more information on Samsung Link.
3. Tap **Sign in** to sign into your Samsung Account if you have not already done so.
4. Tap **Start** and follow the on-screen prompts.
5. The Samsung Link screen contains two separate streaming media options:
 - **Registered storage:** allows you to receive and playback media stored externally (server, laptop, etc.) directly on your device by allowing you to add a Web storage service for streaming content.

- **Registered devices:** allows you to stream/share selected multimedia content from your device to DLNA compliant device connected to the same Wireless Access Point.

Configuring Samsung Link Settings

Samsung Link must first be configured prior to its initial use. You must setup parameters such as connected Wi-Fi, Items to share, source server address, and external device acceptance rights.

1. From the Home screen, tap  → **Samsung Link**

2. Press  and then tap **Settings** and configure the following settings as desired:
 - **Registered storage:** allows you to add a Web storage location. Without a storage service/location added, you will not be able to use Samsung Link.
 - **Registered devices:** allows you to stream/share selected multimedia content from your device to DLNA compliant device connected to the same Wireless Access Point.
 - **Setting up web services:** allows you to sign into your web accounts such as Facebook, Twitter, YouTube, Picasa, and Flickr.

- **Auto upload:** allows you to enable automatic upload of images from your device to those storage locations specified within the Web storage list.
- **Video quality settings:** allows you to setup the video quality for streamed video content.
- **Lock Samsung Link:** allows you to restrict access to Samsung Link by requiring a user enter the currently active and associated Samsung account password.
- **Language:** allows you to select your preferred language.
- **About this service:** displays application information.
- **Customer support:** allows you to contact the Samsung Link team via a new email from an available email account.

Sharing Media via Samsung Link to a Target Device

Important! Make sure all communicating devices are connected to the same Wi-Fi.

1. Launch AllShare Play/Samsung Link on the target device (such as an Internet TV, Samsung Tablet, etc.).
2. From the Home screen, tap  → **Samsung Link** .

Note: You must be signed in to your Samsung Account before you can use this feature.

3. Tap your device name from the **Registered devices** area.
4. Tap an available category tab (Photos, Music, Videos, or Files) and select a file.
 - A file with  in the upper-left indicates it is stored remotely on a Web storage location. Selecting this media causes your device to access the file currently stored on your services' servers.
5. Tap an available on-screen file, image, or video to place a green check mark alongside it.
6. Tap  (**Stream to connected devices**) and select an available target device to begin streaming.
7. On a target device (ex: Internet TV) select the on-screen **Allow** button to continue.

Note: At this stage your device is requesting access to share media with the external source.

8. Confirm  (**Samsung Link Controller enabled**) appears in the Notification area at the top of the device to indicate you are using your device as the media source.

Settings

Configure your device to your preferences.

For more information, refer to “*Settings*” on page 120.

- From a Home screen, touch  Apps →  Settings.

Smart Remote

Allows you to locate and watch programming on your tv and then control your entertainment system with gestures from the device.

For more information, go to: <http://www.peel.com>.

Discover and control TV programming right from your device. Lose your remotes, once and for all. Quit scrolling those tiresome grid guides. See what you want, right at your own fingertips: your shows, your controls, your friends.

Peel suggests Top Pick TV shows for you based on what you watch and like. Instead of a long, boring channel grid, Peel presents an easy-to-use mosaic of your favorite shows, filtered by type and genre in the order you like.

1. From a Home screen, touch  Apps →  Smart Remote.
The Samsung Disclaimer displays.
2. Touch Agree.
3. Touch Set Up Smart Remote Now: **US & Canada**.
4. Follow the on-screen instructions.

Talk

Use Google Talk to chat with other Google Talk users.

For more information, refer to “*Google Talk*” on page 54.

- From a Home screen, touch  Apps →  Talk.

Video Player

View and manage videos stored on your tablet.

For more information, refer to “*Video Player*” on page 75.

- From a Home screen, touch  Apps →  Video Player.

Voice Search

To use Voice Search:

1. From a Home screen, touch Apps → Voice Search.
2. Touch and speak the search criteria slowly and clearly. Google searches for the information and displays results or displays Retry.

WatchOn

Enjoy all of your favorite movies and TV shows with WatchON.

Using WatchON

Important! Before initiating use, verify you have an active Internet connection available (either mobile network or Wi-Fi connection).

Note: Before beginning your initial WatchON application setup, confirm your TV is turned off.

Initial Configuration

1. Sign into your Samsung account.
2. From the Home screen, tap Apps → WatchON → Set up.
3. Select your desired country for your TV Guide's source listing and tap Next.
4. Enter your current zip code and tap Done. This zip code must correspond to the location of your desired TV and set top box.
5. From the **Find your TV service** screen, select a service provider from the available channel listing.
6. From the **Choose your TV Brand** screen, tap your TV's manufacturer name.
 - If you have a brand of TV not listed or you are using a projector, make the appropriate on-screen selection of the corresponding button.
 - Options include **Other TV Brands** or **I Have a Projector**.
7. Aim your device at the TV and tap (Power) to confirm the set up process completed successfully and the correct TV IR codes were selected.

Note: The process of the initial TV activation can take up to 10 seconds. Please do not press the button again.

8. If the TV turned on, tap **Yes**.

– or –

If the TV did not turn on after tapping  (**Power**) and waiting 10 seconds, tap **No** or **Retry**.

9. From the **Choose Your TV Tuner** screen, select the entry that corresponds to your current channel control method:

- **Cable/Satellite/STB/PVR/DVR**: selected when changing channels is done via a receiver box. Channels are not changed via the TV remote but rather through the receiver/box.
- **My xxx TV**: selected when a signal is fed directly into the TV and no box is used. Channels are changed directly on the TV by using the TV remote and not a box's remote.

Note: Try matching your current channel selection method.

10. Select the Satellite Box Brand from the available list. For example, DirectTV®.

- If your brand does not appear in the list, tap **Other Satellite Box Brands** and follow the on-screen instructions.

Important! You must configure your set top box for IR communication with your device. If you do not select **More Info..** below and follow the on-screen instructions you may not be able to properly use the application.

11. When prompted to Enable IR, tap **More Info..** to learn how to configure your set top box to receive and respond to IR controls.

12. Only after completing the IR setup process and programming your box, press  **Back**.

Note: This IR programming of your set top box is a one-time process and once successful should not need to be repeated.

13. If prompted to either personalize your experience or configure Netflix®, follow the on-screen instructions.

Using WatchON

To change channels:

1. Sign into your Samsung account.
2. From the Home screen, tap  Apps →  WatchON.
3. From the top of the main screen, tap  (Remote Control). This launches an on-screen set of remote control tabs. Choose from one of the following:
 - **Easy remote**: provides the most common used control features. Scroll down to view additional functions.
 - **[Set top box]**: displays customized control specific to your configured set top box. Ex: satellite dish remote control functions.
 - **TV**: provides access to control functions specific to your TV.
4. From the top of the main screen tap  (Select Room) to choose from different receivers/boxes in different rooms. Ex: Living Room box, Bedroom box, etc..
5. Press  Back to return to the main menu.

Locating your favorite programming:

1. Sign into your Samsung account.
 2. From the Home screen, tap  Apps →  WatchON.
 3. From the main screen Tap  (Combined View) to reveal available media categories.
 4. Select an available category.
 - or –
- Tap **Guide** to display on your TV an on-screen listing of available set top box shows.

For additional information on the WatchON application, press  and then select **Help**.

WatchOn Settings

1. From the Home screen, tap  Apps →  WatchON.
2. Press  and then select an available on-screen option:
 - **Change Room**: allows you to select a previously configured room.
 - **Settings**: provides access to the Samsung WatchOn settings menu.

- **Help:** displays on-screen help information.
3. **About:** displays on-screen information about the application.

World Clock

View the date and time in any time zone.

1. From a Home screen, touch  Apps



A map of the world displays with the locations you have added flagged.

2. Touch  Add to add a city to display.

A list of world cities displays in landscape mode.

3. Scroll through the list and touch the city you want to add.

Tip: Touch the first letter of the city's name, to the right of the list, to find the city more quickly.

– or –

In portrait or landscape mode, touch and turn the globe to locate a city and touch the city you want to add.

A pop-up displays the city name, the current time and date there, and the GMT offset.

4. To add the city, touch  Add on the pop-up.
5. To change the order of the cities, touch  Reorder. Touch the grid  on an entry and drag the entry to a new position in the list. Touch Done to change the order.
6. Touch  Remove to delete entries. Touch the box next to the cities you want to delete so that a  check mark displays, then touch Delete.
7. Touch and hold an entry to remove it or to set the **DST settings**, which enable or disable Daylight Savings Time adjustments.

YouTube

View and upload YouTube videos, right from your device.

1. From a Home screen, touch  Apps → 
2. Touch  Search YouTube and use the keyboard to enter a keyword or phrase. Touch  on the keyboard to initiate the search.
3. From the YouTube main screen, touch  Menu for options.
4. Touch  Menu → Settings.

Follow the on-screen instructions.

5. For more information touch  **Menu** → **Help**.

YPmobile

The Yellowpages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. This application allows you to tap into local businesses, locations, and events, connecting you to your search in real-time.

Note: The first time you use YP, you will need to download the updated application from the Play Store. When the Play Store page displays, tap **Update** or **Install** then follow the on-screen instructions. For more information, refer to “*Play Store*” on page 109.

1. From the Home screen, tap  → **YPmobile** .
2. Sign on to your Google account if you have not already done so.
3. Read the End-User License Agreement (EULA) and tap **Accept** to continue.
4. Your location is found using GPS. Tap **OK** to allow YPmobile to use your current location.

5. Tap the **Find a business nearby!** field.
6. Enter information in the **What:** and **Near:** fields and tap **Search**.
7. Results will be displayed.
8. Tap **Map** to see the locations marked with pins on the map.
9. Pinch the map screen inwards to zoom out or pinch it outwards to zoom in.
10. Tap a pin to read information about the location.
11. Tap  **Menu** to display additional options.

Section 10: Settings

This section explains Settings for customizing your device.

Accessing Settings

- From a Home screen, touch  **Settings**.
 - or –
- From any screen, pull down the Quick Settings bar, then touch  **Settings**. For more information, refer to “Quick Settings” on page 23.
- The Settings screen displays.

The Settings Screen

The Settings screen has tabs on the left side of the screen. Information related to the tabs displays on the right side of the screen. There are four major groups of settings: Wireless and network, Device, Personal, Accounts, and System.

Wi-Fi

Your device supports Wi-Fi a/b/g/n. Use Wi-Fi settings to manage your device’s Wi-Fi connections.

For more information about using your device’s Wi-Fi features, see “Wi-Fi” on page 83.

Turning Wi-Fi On or Off

When you turn Wi-Fi service on, your device automatically searches for available, in-range Wireless Access Points (WAPs).

- From any Home screen, touch the time, then touch **Wi-Fi** from the Quick Settings menu.
 - For more information, refer to “Quick Settings” on page 23.
 - or –

From a Home screen, touch  **Settings**. On the Wi-Fi tab, touch the **OFF / ON** icon   to turn Wi-Fi on or off.

Scan for Wi-Fi Networks

To make sure you have an accurate list of Wi-Fi networks.

- From a Home screen, touch  **Settings** →  **Wi-Fi**, and then touch **Scan**.

Add Wi-Fi Network

To open a dialog where you can add a Wi-Fi network by entering its Network SSID (the name it broadcasts), security type, and other properties:

1. From a Home screen, touch  Settings →  Wi-Fi, and then touch **Add Wi-Fi network**.
2. Use the keyboard to enter **Network SSID**.
3. Touch the **Security** field and then touch a security type.

Note: Depending on the Security protocol used by the WAP, additional network information may be required, such as a Password.

4. If necessary, touch **Password** and enter the password or hex key.
5. Touch **Save**.

Advanced Settings

Set up and manage wireless access points.

1. From a Home screen, touch  Settings →  Wi-Fi.
2. Touch  Menu → Advanced.

The following options display:

- **Network notification:** Have your device alert you to new Wireless Access Points (WAPs). Touch **Network notification** to turn notifications On or Off. When enabled, a check mark  appears in the check box.
- **Keep Wi-Fi on during sleep:** Specify when to disconnect from Wi-Fi. Option are: Always, Only when plugged in, or Never.
- **Check for Internet service:** Checks if Wi-Fi internet service is available when connected to an AP (Access Point).
- **MAC address:** View your device's MAC address, required when connecting to some secured networks (not configurable).
- **IP address:** View your device's IP address.

Wi-Fi Direct Settings

You can configure your device to connect directly with other Wi-Fi capable devices. This is an easy way to transfer data between devices. These devices must be enabled for Wi-Fi Direct communication. This connection is direct and not via a hot spot or WAP.

Note: Activating this feature will disconnect your current Wi-Fi network connection.

1. From a Home screen, touch  **Settings** →  **Wi-Fi**.
2. Touch the **OFF / ON** icon  to turn Wi-Fi on.
3. Touch **Wi-Fi Direct** to display Available devices.
Your device begins to search for other devices enabled with Wi-Fi direct connections.
4. When scanning is complete, touch a device name to begin the connection process to another Wi-Fi Direct compatible device.

Note: The target device must also have Wi-Fi Direct service active and running before it is detected by your device.

The direct connection establishes, the status field displays “Connected”, and your connected device is displayed in the Wi-Fi Direct devices listing.

5. Touch **End connection** → **OK** to end the Wi-Fi Direct connection.

For more information, refer to “*Wi-Fi Direct*” on page 85.

Bluetooth

Use Bluetooth settings to manage Bluetooth connections, set your device’s name, and control your device’s visibility.

Turning Bluetooth On or Off

To turn your device’s Bluetooth service On or Off:

- From any Home screen, touch the time, then touch **Bluetooth** from the Quick Settings menu.

For more information, refer to “*Quick Settings*” on page 23.

– or –

From a Home screen, touch  **Settings**. On the Bluetooth tab, touch the **OFF / ON** icon  to turn Bluetooth on or off.

For more information about using Bluetooth to exchange information with other Bluetooth devices, see “*Bluetooth*” on page 86.

Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.

1. From a Home screen, touch  **Settings** →  **Bluetooth**.
2. Touch **Scan** to scan for nearby discoverable devices.
After searching, touch a device to pair with it. For more information, refer to “*Pairing with a Bluetooth Device*” on page 86.
3. Touch  **Menu** and select a Bluetooth setting to configure:
 - **Rename device:** Your device’s default name displays on screen. Touch to change the device name. Available when Bluetooth is turned On.
 - **Visibility timeout:** Use this setting to control when to automatically turn off the Discoverable option: 2 minutes, 5 minutes, 1 hour, or Never timeout.
 - **Received files:** Show the list of files received by using Bluetooth.

Data Usage

From this screen you can view the Wi-Fi or Ethernet data usage.

1. From a Home screen, touch  **Settings** →  **Data usage**.

2. Touch the **Data usage cycle** drop-down menu and select a date.

The data usage displays as a visual (chart) and also displays a list of each application with a breakdown of data usage by application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

3. Touch the  **Menu** and the following options display:
 - **Data roaming:** enables data roaming on your device.
 - **Restrict background data:** restricts some apps and services from working unless you are connected to a Wi-Fi network.
 - **Auto-sync data:** allows your accounts to automatically sync.
 - **Show Wi-Fi usage:** displays a Wi-Fi tab that shows Wi-Fi usage.
 - **Mobile hotspots:** displays available mobile hotspots.

More Settings

This tab displays additional wireless and network information.

- From a Home screen, touch  **Settings** → **More settings**.

Options display for Airplane mode, Mobile networks, VPN, Nearby devices, AllShare Cast, and Kies via Wi-Fi.

Airplane Mode

Airplane mode allows you to use many of your tablet's features, such as Camera, Games, and more, when you are in an airplane or in any other area where accessing data is prohibited.

Important! When your tablet is in Airplane Mode, it cannot access online information or applications.

- Press and hold the **Power** button then touch **Airplane mode**.
 - or –

From a Home screen, touch  **Settings** → **More settings** → **Airplane mode**, touch the check box, and then touch **OK** to turn on Airplane mode.

A check mark  appears in the check box when Airplane mode is On.

Mobile networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

Mobile data

To enable data access over the mobile network, this option must be selected. It is set on by default.

- From the Home screen, tap  **Settings** → **More settings** → **Mobile networks**.
- Tap **Mobile data** to create a checkmark and activate the feature.

Data Roaming

Data roaming allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.

- From the Home screen, tap  **Settings** → **More settings** → **Mobile networks**.
- Tap **Data roaming** to create a checkmark and activate the feature.

Access Point Names

To use Wi-Fi you need access to a wireless access point (hotspot).

1. From the Home screen, tap  **Settings** → **More settings** → **Mobile networks**.
2. Tap **Access Point Names**.

A list of the Access Point names display. The active access point displays a green, filled circle to the right of the name.

Network Operators

Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic.

1. From the Home screen, tap  **Settings** → **More settings** → **Mobile networks**.
 2. Tap **Network operators**.
- The current network connection displays at the bottom of the list.

Important! You must deactivate data service prior to searching for an available network.

Note: Connecting to 2G networks slows the data transfer speed and time.

Default setup options

Your tablet default is set to Automatic (to automatically search for an available network. You can set this option to Manual to select a network each time you connect.

1. From the Home screen, tap  **Settings** → **More settings** → **Mobile networks**.
2. Tap **Network operators**.
3. Tap **Default setup**.
4. Tap **Manual** to locate and connect to a network manually, or tap **Automatic** to allow the device to automatically select a network.

VPN

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important! Before you can use a VPN you must establish and configure one.

Adding a Basic VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2 Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificate based L2TP/IPSec).

1. Before using VPN, you must first set up a screen unlock PIN or password. For more information, refer to “*Lock Screen*” on page 135.
2. From the Home screen, tap  **Settings** → **More settings** → **VPN**.
3. Tap **Basic VPN**.
4. Tap **Add VPN network**.
5. Enter a name for the VPN network in the **Name** field.
6. Select a VPN type from the **Type** drop-down menu. The options are:
 - PPTP (Point-to-Point Tunneling Protocol)
 - L2TP/IPSec PSK (Layer 2 Tunneling Protocol / Internet Protocol Security Pre-Shared Key)
 - L2TP/IPSec RSA
 - IPSec Xauth PSK

- IPSec Xauth RSA

- IPSec Hybrid RSA

7. Enter the Server address and any other required fields that are dependent upon the **Type** you entered previously.
8. Tap the **PPP encryption (MPPE)** check box to use the MPPE protocol for encryption.
9. Tap the **Show advanced options** check box to display additional VPN options.
10. Tap **Save** to save your VPN settings.

Adding an IPsec VPN

1. Before using VPN, you must first set up a screen unlock PIN or password. For more information, refer to “*Lock Screen*” on page 135.
2. From the Home screen, tap  **Settings** → **More settings** → **VPN**.
3. Tap **Advanced IPsec VPN**.
4. Tap **Add VPN connection**.
5. Enter a password, confirm the password, and tap **OK**.
6. Enter a name for the VPN connection in the **VPN connection name** field.

7. Select a IPsec type from the drop-down menu.
8. Enter any other required information.
9. Tap the **Show advanced options** check box to display additional VPN options.
10. Tap **Save** to save your VPN settings.

Nearby Devices

This option allows you to share your media files with nearby DLNA (Digital Living Network Alliance) enabled devices.

Warning! If file sharing is enabled, other devices can access your data. Use the Wi-Fi network and this option with care.

To configure this option:

1. From a Home screen, touch  **Settings** → **More settings** → **Nearby devices**.
2. Touch **File sharing** to turn File sharing on.
A check mark  appears in the check box when File sharing is On.
3. In the Advanced section, set the following options:
 - **Shared contents**: Select the content to share. Choices are: Videos, Photos, and Music.

- **Device name**: Enter the name for your device. The default name is SAMSUNG-SGH-i467(My Info).
- **Allowed devices list**: Indicate the devices accessible to your device.
- **Not-allowed devices list**: Indicate the devices not accessible to your device.
- **Download to**: Set whether to download data to Device or SD card.
- **Upload from other devices**: If a nearby device attempts to upload data, this setting indicates the response. Options are: Always accept, Always ask, and Always reject.

AllShare Cast

To share your device's screen with another device, enable AllShare Cast.

1. From a Home screen, touch  **Settings** → **More settings** → **AllShare Cast**.
2. Touch the **OFF / ON** icon  to turn AllShare Cast on.

Kies via Wi-Fi

Samsung Kies is a software that enables you to update your device firmware, synchronize files, and transfer data to and from your device directly by connecting to the PC. Kies via Wi-Fi allows you to access Samsung Kies using a Wi-Fi network.

1. From a Home screen, touch  **Settings** → **More settings** → **Kies via Wi-Fi**.
2. Select the source of the Wi-Fi connection for Kies air.

For more information, refer to “*Kies Via Wi-Fi*” on page 88.

Home screen mode

Home screen mode allows you to set your display to the conventional layout of **Basic mode** or provide an easier user experience for the first-time tablet users using **Easy mode**.

1. From the Home screen, touch  **Settings** → **Home screen mode**.
2. Tap the pull-down dropdown and select one of the following options:
 - **Basic mode:** provides conventional layout for the apps and widgets on your home screens.
 - **Easy mode:** provides easier user experience for first-time tablet users on the home screens.

3. Tap **Apply**.

Blocking Mode

When enabled, notifications for selected features are disabled.

1. From a Home screen, touch  **Settings** → **Blocking mode**.
2. Touch the **OFF / ON** icon , to turn Blocking mode **ON**.
3. Touch **Disable notifications** to enable this feature. A check mark  appears in the check box when Disable notifications is On.
4. Touch **Disable alarm** to enable this feature. A check mark  appears in the check box when Disable alarm is On.
5. The **Set time** option allows you to set **Blocking mode** for a specific time range or **Always**.
6. Touch the **Always** field to disable it or configure the **From** and **To** time fields. A check mark  appears in the check box when Disable alarm and timer is On.

Sound

Volume

Set the volume level for all types of sounds.

Note: You can only set volume when Silent Mode is disabled.

1. From a Home screen, touch  **Settings** → **Sound** → **Volume**.
2. Touch and drag the sliders to set the volume for:
 - **Music, video, games and other media:** Sounds made by music apps, video apps, and more.
 - **Notifications:** Sounds for alerts to other events.
 - **System:** Application sounds and other sounds made by your device.

Tip: You can also set System volume from the Home screen by pressing the Volume Key.

3. Touch **OK** to save your settings.

Vibration intensity

1. From a Home screen, touch  **Settings** → **Sound** → **Vibration intensity**.
1. Touch and drag the sliders to set the Vibration intensity:
 - **Notifications:** Vibration intensity for alerts to other events.
 - **Haptic feedback:** Vibration intensity for the Haptic feedback.
2. Touch **OK** to save your settings.

Default Notifications

Select a default ringtone for message, alarm, and other notifications.

1. From a Home screen, touch  **Settings** → **Sound** → **Default notifications**.
2. Touch a ringtone to hear a sample and select it.
3. Touch **OK** to save the setting.

System

You can activate or deactivate both touch and screen lock sounds.

1. From a Home screen, touch  **Settings** → **Sound**.
2. Touch **Touch sounds** or **Screen lock sound** (both default to On).

When enabled, a check mark  appears in the check box.

3. Touch **Haptic feedback** to enable a vibration when softkeys are pressed.

When enabled, a check mark  appears in the check box.

Display

In this menu, you can change various settings for the display.

1. From a Home screen, touch  **Settings** → **Display**.

2. The following options are available:

- **Wallpaper**: allows you to set the Wallpaper for your Home screen, Lock screen, or both.
- **Notification panel**: allows you to set the brightness of your notification panel and also select the quick setting buttons that you want to display at the top of the notification panel. For more information, refer to “*Quick Settings*” on page 23.
- **Multi window**: tap this option to enable/disable the automatic Multi window feature.

- **Page buddy**: allows context related pages to be created on the Home screen. You can select Earphones page, Docking page, and Roaming page. Tap Page buddy help for more information. Touch and slide the Page buddy slider to the right to turn it on  **ON**.

- **Screen mode**: allows you to select from several different color modes.

- **Reading mode**: optimizes the screen for reading on selected applications. Touch and slide the Reading mode slider to the right to turn it on  **ON**.

- **Brightness**: configures the LCD Brightness levels. To adjust the brightness, tap Automatic brightness to remove the checkmark, then drag the slider to the desired brightness and tap OK.

- **Screen timeout**: adjusts the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 3 minutes, 5 minutes, 10 minutes, 15 minutes and 30 minutes.

- **Smart stay**: when activated, your screen stays on as long as you are looking at it.

- **Font style:** allows you to set the font style that your tablet will use. You can also tap Get fonts online to choose from a wider selection.
- **Font size:** allows you to select which size of font is displayed.
- **Increase legibility:** enhances the clarity of text.
- **Touch key light duration:** allows you to set the time that the touch keys located on the bottom of your tablet are lit.
- **Display battery percentage:** allows you to see the battery charge percentage next to the battery charge icon at the top of the display.

Storage

From this menu you can view the device memory or mount, unmount, or format an SD card.

Device Memory

- From a Home screen, touch  **Settings → Storage.**
The Device memory displays as Total space, Applications, Pictures, videos, Audio, Downloads, Miscellaneous files, and Available space.

SD Card

Once a memory card has been installed in your device, the SD card memory displays as Total space and Available space.

Mounting an SD Card

1. Install an SD card. For more information, refer to “*Installing a Memory Card*” on page 12.
2. From a Home screen, touch  **Settings → Storage.**
3. Touch **Mount SD card.**

Unmounting an SD Card

1. From a Home screen, touch  **Settings → Storage.**
2. Touch **Unmount SD card.**
3. At the prompt, select **OK** to safely unmount the memory card.
4. Remove the SD card from the slot. For more information, refer to “*Removing a Memory Card*” on page 12.

Note: Unmounting an SD card will stop some applications from functioning. Applications may not be available until you mount the SD card again.

Formatting an SD Card

When formatting an SD card you will want to backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From a Home screen, touch  **Settings** → **Storage**.
2. Touch **Format SD card** and then touch **Format SD card** again on the warning screen.
3. Touch **Delete all**.

Power Saving Mode

When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power.

1. From a Home screen, touch  **Settings** → **Power saving mode**.
2. On the Power saving tab, touch the **OFF / ON** icon  to turn Power saving on or off.
3. Turn Power saving on and touch the Power saving mode settings (**CPU power saving**, **Screen power saving**, **Turn off haptic feedback**) to enable or disable them.
4. Touch **Learn about Power saving mode** to display more information about saving power mode.

Battery

See how much battery power is used for device activities.

1. From a Home screen, touch  **Settings** → **Battery**.
The battery level displays in percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.
2. Touch **Screen**, **Android OS**, or **Android System** to view how the display and the Android system are affecting battery use.

Note: Other applications may be running that affect battery use.

Application Manager

You can download and install applications from Google Play or create applications using the Android SDK and install them on your device. Use Application manager settings to manage applications.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From a Home screen, touch Apps → Settings → Application manager.
2. Touch Downloaded, Running or All to display memory usage for that category of applications.

The graph at the bottom of the Downloaded tab shows used and free device memory. The graph at the bottom of the Running tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From a Home screen, touch Settings → Application manager.
2. Touch Downloaded to view a list of all the downloaded applications on your device.

3. To switch the order of the lists displayed in the Downloaded tabs, touch Menu → Sort by size or Sort by name.
4. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

The following options are displayed:

- **Force stop:** Stops an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
- **Uninstall:** Deletes the application from the tablet. For more information, refer to “*Uninstalling an App*” on page 88.
- **Clear data:** Clears application data from memory.
- **Clear cache:** If the app stores data in a temporary area of the device’s memory, and the amount of information stored is displayed, touch this button to clear the temporary storage.
- **Clear defaults:** If you have configured an app to launch certain file types by default, clear that setting.
- **Permissions:** Lists the kinds of information about your device and data to which the app has access.

5. Touch  **Menu** →  **Reset app preferences** to reset preferences set for disabled apps, disabled app notifications, default apps and background data restrictions for apps.

Running Services

View and control services running on your device.

1. From a Home screen, touch  **Settings** → **Application manager**.
2. Touch the **Running** tab.
All the applications that are currently running on the device display.
3. Touch **Show cached processes** to display all the cached processes that are running. Touch **Show services in use** to switch back.
4. Touch one of the applications to view application information.

The following options display:

- **Stop**: Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning! Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

- **Report**: Report failure and other application information.

Note: Options vary by application.

Location Services

In order to guard your privacy, by default, your device only acquires your location when you allow it. To use Location-Based Services, you must first enable location services on your device.

Use Wireless Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

1. From a Home screen, touch  **Settings** → **Location services**.

2. Touch **Use wireless networks** to enable location information using the wireless network. When enabled, a check mark  appears in the check box.

Use GPS Satellites

1. From a Home screen, touch  **Settings** → **Location services**. When enabled, a check mark  appears in the check box.
2. Touch **Use GPS satellites** to enable the GPS satellite.

Location and Google Search

1. From a Home screen, touch  **Settings** → **Location services**.
2. Touch **Location and Google search** to use your location data for improved Google Search results and other Google services. When enabled, a check mark  appears in the check box.

Lock Screen

Screen Lock

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see “*Locking and Unlocking the Touch Screen*” on page 13.

1. From a Home screen, touch  **Settings** → **Lock screen**.
2. Touch **Screen lock** for these settings:
 - **Swipe**: Swipe the screen to unlock it.
 - **Face unlock**: Look at your tablet to unlock it. Follow the on-screen instructions to set up Face unlock.
 - **Face and voice**: Look at your tablet and speak a phrase to unlock it. Follow the on-screen instructions to set up Face and voice unlock.
 - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
 - **PIN**: Select a PIN to use for unlocking the screen.
 - **Password**: Create a password for unlocking the screen.
 - **None**: No pattern, PIN, or password is required.

Note: Additional options are available only if you set **Screen lock** to display the lock screen (any setting other than **Swipe** or **None**).

Lock Screen Options

You can customize the Lock screen with the lock screen options.

1. From a Home screen, touch  **Settings** → **Lock screen**.
2. Touch **Lock screen options** and set the following options:
 - **Shortcuts**: Touch the **OFF / ON** icon   to turn this option on or off. Touch **Shortcuts** to add up to four application shortcuts to the lock screen.
 - **Information ticker**: Touch the **OFF / ON** icon   to turn this option on or off. Set news or stock information ticker on the lock screen. This option requires a Wi-Fi connection.
 - **Clock**: Activate or deactivate the Lock screen clock. When enabled, a check mark  appears in the check box.
 - **Dual Clock**: Touch the **OFF / ON** icon   to turn this option on or off, which causes dual clock to be displayed on the lock screen when roaming.
 - **Weather**: Touch the **OFF / ON** icon   to turn this option on or off, which causes weather information to be displayed on the lock screen. This option requires a Wi-Fi connection.

- **Ripple effect**: Shows a ripple effect on the lock screen. When enabled, a check mark  appears in the check box.
- **Ink effect**: Shows the ink effect on the lock screen.
- **Help text**: Display help text on the lock screen. When enabled, a check mark  appears in the check box.
- **Wake up in lock screen**: Unlock the screen using wake-up command when swipe or motion lock is enabled.
- **Set wake-up command**: Set the wake-up command if **Wake up in lock screen** is enabled.

Popup Note on Lock Screen

Use this option to display Popup Note on the lock screen.

1. From a Home screen, touch  **Settings** → **Lock screen**.
2. Touch **Popup Note on lock screen**.
When enabled, a check mark  appears in the check box.

Owner Information

Use this option to enable or disable whether to show owner information on the lock screen.

1. From a Home screen, touch  **Settings** → **Lock screen**.

2. Touch **Owner information** and then touch **Show owner info on lock screen** to enable or disable the option.
3. Touch the text field and use the keyboard to enter the text to display on the lock screen.

Security

Encryption

To require a numeric PIN or password to decrypt your tablet each time you power it on or encrypt the data on your SD card each time it is connected:

1. From a Home screen, touch  **Settings** → **Security**.
2. Touch **Encrypt device**. For more information, read the displayed help screen.
3. Touch **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Tip: Make sure your battery is charged more than 80 percent. Encryption takes an hour or more.

Set up/change password

Use this option to set up your password when one is first required or change your current password.

1. From a Home screen, touch  **Settings** → **Security** → **Set up/change password**.
2. Enter a new password and tap **Confirm**.
3. Enter the new password again and tap **Confirm**.

Set up SIM card lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

When enabled, your tablet will ask for a PIN number each time you use the tablet. Using this option you can also change your SIM PIN number.

1. From a Home screen, touch  **Settings** → **Security**.
2. Tap **Set up SIM card lock**.
3. Tap **Lock SIM card**, enter your SIM PIN code, then tap **OK**.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

4. Tap **Change SIM PIN**.
5. Enter your old SIM PIN code and tap **OK**.
6. Enter your new SIM PIN code and tap **OK**.
7. Re-type your new SIM PIN code and tap **OK**.

Make passwords visible

When enabled, password characters display briefly as you touch them while entering passwords.

1. From a Home screen, touch  **Settings** → **Security**.
2. Touch **Make passwords visible** to enable or disable brief displays of password characters.

When enabled, a check mark  appears in the check box.

Device Administrators

To add or remove device administrators:

1. From a Home screen, touch  **Settings** → **Security**.
2. Touch **Device administrators**.

Unknown Sources

To enable or disable installation of non-Google Play applications:

1. From a Home screen, touch  **Settings** → **Security**.

2. Touch **Unknown sources**.

An informational pop-up displays.

3. Read the message and touch **OK** to allow installation of non-Google Play applications.
When enabled, a check mark  appears in the check box.

Warning! Enabling this option causes your tablet and personal data to be more vulnerable to attack by applications from unknown sources.

Trusted Credentials

If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, touch  **Settings** → **Security**.
2. Touch **Trusted credentials**.

The trusted credentials screen has two tabs:

- **System:** Displays CA certificates that are permanently installed in the ROM of your device.

- **User:** Displays any CA certificates that you installed, for example, in the process of installing a client certificate.
3. Touch a CA certificate to examine its details.
A scrolling screen displays the details.
 4. Scroll to the bottom of the details screen and touch **Disable** to disable a System certificate or **Remove** to remove a User certificate.

Caution! When you disable a system CA certificate, the **Disable** button changes to **Enable**, so you can enable the certificate again, if necessary. When you remove a user-installed CA certificate, it is permanently deleted and must be re-installed, if needed.

5. Touch **OK** to return to the certificate list.
When enabled, a check mark  appears in the check box.

Install from Device Storage

Install encrypted certificates from an installed memory card.

Note: You must have installed a memory card containing encrypted certificates to use this feature.

1. From a Home screen, touch  **Settings** → **Security**.
2. Touch **Install from device storage**, then choose a certificate and follow the prompts to install.

Clear Credentials

Clear stored credentials.

Note: This setting only appears if you have installed encrypted certificates.

1. From a Home screen, touch  **Settings** → **Security**.
2. Touch **Clear credentials** to remove all certificates.

Language and Input

Language

Set the language used by your device.

1. From a Home screen, touch  **Settings** → **Language and input** → **Language**.

2. Touch a language / locale from the list.

Keyboards and Input Methods

Set the keyboard used by your device.

1. From a Home screen, touch  **Settings** → **Language and input**.
2. Touch **Default** and select a keyboard.
Samsung keyboard is the only selection available for this device.
3. Touch **Set up input methods**.
4. Touch **Google voice typing** to automatically use Google voice typing.
5. Touch  next to Google voice typing.

The following options are available:

- **Choose input languages:** Touch **Automatic** to use the local language or select a language from the list.
- **Block offensive words:** Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.

When enabled, a check mark  appears in the check box.

- **Download offline speech recognition:** Enable voice input while offline. Touch the **All** tab to download speech recognition for other languages.

Samsung Keyboard Settings

To configure the Samsung keyboard:

- Touch  next to Samsung keyboard to display the following options:
 - **Input languages:** Used to set a default text entry language. Touch this field, scroll through the options, and touch the desired input language. When activated, a check appears in the box.
 - **Predictive text:** Enable or disable XT9 predictive text. When enabled the system suggests words matching your text entries, and, optionally, completes common words automatically. When XT9 is enabled, touch the **Predictive text** field to set the following options:
 - **Personalized data:** Enter personalized data to improve prediction results.
 - **Learn from Gmail:** Log in to let your device learn your Gmail Style.

- **Learn from Facebook:** Log in to let your device learn your Facebook Style.
 - **Learn from Twitter:** Log in to let your device learn your Twitter Style.
 - **Clear remote data:** Delete your anonymous data stored on the personalization server.
 - **Clear personalized data:** Remove all personalized data entered.
 - **Continuous input:** Enable or disable the Continuous input feature. When enabled, you can enter text by sliding your finger across the keyboard.
 - **Cursor control:** Move cursor by sliding finger across keyboard.
 - **Pen detection** displays the handwriting pad whenever the pen is detected.
 - **Handwriting:** Touch to display the following options:
 - **Regognition type:** sets the istroke recognition for the content.
 - **Recognition time:** Set the recognition time to 100, 300, 500, 1000, or 2000 milliseconds.
 - **Pen thickness:** Set the pen thickness to 1, 3, 5, 7, or 9 pixels.
 - **Pen color:** Choose a pen color.
 - **Gesture guide:** Displays examples of the various gestures that can be used to edit handwriting.
 - **Tutorial:** Help for using Handwriting recognition.
 - **About:** Displays information about the handwriting software.
- **Advanced** displays the following advanced options:
- **Auto capitalization** automatically capitalizes the first letter of the first word in each sentence (standard English style).
 - **Auto spacing:** automatically inserts spaces between words.
 - **Auto-punctuate** automatically inserts a full stop in a sentence by tapping the space bar twice when using the on-screen QWERTY keyboard.
 - **Character preview** provides an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.
 - **Key-tap vibration** enables vibration feedback when you tap an on-screen key.
 - **Key-tap sound** enables auditory feedback when you tap an on-screen key.
 - **Tutorial:** Displays help for using the Samsung keyboard and XT9 predictive text.

- **Reset settings:** Reset keyboard settings except XT9 my words and auto-substitution.

Swype Keyboard Settings

To configure the Swype keyboard:

1. Touch  next to Swype to display the following options:
2. Tap **Settings** on the left side of the screen to alter these settings:
 - **Vibrate on keypress:** activates a vibration sensation as you enter text using the keypad.
 - **Sound on keypress:** turns on sounds generated by the Swype application.
 - **Show complete trace:** once enabled, sets whether or not to display the complete Swype path.
 - **Auto-capitalization:** automatically capitalizes the first letter of a sentence.
 - **Auto-spacing:** automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word.
 - **Next word prediction:** once enabled, predicts the next word in your text string based on your current text entries.

- **Show Voice key:** once enabled, displays the Voice icon on your Swype keyboard so you can use the Voice input option.

3. Tap **My Words** on the left side of the screen to access the following options:

- **Backup & Sync:** allows you to backup your Swype dictionary and sync your Swype dictionary across multiple devices.
- **Living Language:** when enabled, this feature automatically updates your Swype dictionary with popular new words.
- **Social integration:** allows you to learn information from your Facebook, Twitter, and Gmail accounts to help you while using Swype.
- **Edit my dictionary:** allows you to edit your personal Swype dictionary.
- **Clear language data:** deletes all of your personal language data, including your words.
- **Contribute data usage:** when enabled, allows the Nuance® application to collect usage data for better word predictions.
- **Cellular data:** when enabled, activates cellular data usage by the Swype application so it can receive program updates, language downloads, and other related features via your existing data connection.

4. Tap **Languages** on the left side of the screen to activate and select the current text input language. Default language is English. Touch **Download languages**, to download additional languages.
5. Tap **Gestures** on the left side of the screen to view helpful information on using gestures while using Swype.
6. Tap **Help** on the left side of the screen to see the following options:
 - **How to Swype:** provides tips on how to learn to use Swype.
 - **Show helpful tips:** once enabled, displays helpful tips and hints as you are using Swype.
 - **Version:** displays the software version information.
7. Tap **Updates** on the left side of the screen to download any new Swype updates. If an update is available, it will display under the updates heading. If no updates are displayed, then check back later to see any available updates.

Speech Settings

To set the speech settings for Voice search:

1. From a Home screen, touch  **Settings** → **Language and input**.
2. Touch **Voice search** to configure:
 - **Language:** Choose a language for your voice input.
 - **Speech output:** Always provides audible readout of text, or only when using Hands-free functions.
 - **Block offensive words:** Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.
 - **Hotword detection:** When enabled, saying the word Google launches voice search.
 - **Download offline speech recognition:** Enable voice input while offline. Touch the **All** tab to download speech recognition for other languages.
 - **Bluetooth headset:** When enabled, this option allows you to record audio through a Bluetooth headset if available.

Voice output provides audible readout of text, for example, the contents of email messages.

1. From a Home screen, touch  **Settings** → **Language and input**.
2. Touch **Text-to-speech output** and select the preferred TTS engine.
3. Touch  next to the preferred TTS engine and configure.
4. Configure the following:
 - **Speech rate**: Set the speed at which the text is spoken.
 - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).
 - **Driving mode**: New notifications are read aloud when enabled. Touch the **OFF / ON** icon   to enable, then touch **Driving mode** to display the Driving mode settings: New emails, Alarm, Schedule, and Unlock screen.

Mouse/trackpad

This option sets your Pointer speed for your mouse or trackpad when you are using a keyboard dock accessory.

1. From a Home screen, touch  **Settings** → **Language and input**.
2. Touch **Pointer speed** then drag the slider to the right to go faster or to the left to go slower.

3. Touch **OK** to save your setting.

Cloud

Back up your personal data using your Samsung Account or use another account to sync your device content.

1. From a Home screen, touch  **Settings** → **Cloud**.
2. Under **Personal data management**:

If you have not signed in to your Samsung Account, touch **Add account**. For more information about Samsung accounts, see “*Samsung Account*” on page 147.

If you have signed in to your Samsung Account:

 - Touch your Samsung Account to manage your sync settings or remove your Samsung Account.
 - Touch **Sync settings** to sync your calendar, contacts, Internet, and S Note settings with your Samsung Account.
 - Touch **Device backup** to manage your back up and restore options.

Back Up and Reset

You can also back up your data to the Google server and reset your device to its factory defaults.

Backup and Restore

Back Up My Data

Enable or disable backup of your information to the Google server.

1. From a Home screen, touch  **Settings** → **Backup and reset**.
2. Touch **Back up my data** to enable or disable back up of application data, Wi-Fi passwords, and other settings to the Google server.

Backup Account

If you have enabled the **Back up my data** option, then the **Backup account** option is available.

1. From a Home screen, touch  **Settings** → **Backup and reset**.
2. Touch **Backup account** and touch your Google Gmail account or touch **Add account** to set your Google Gmail account to be backed up to the Google server.

Automatic Restore

When enabled, backed-up settings are restored when you reinstall an application.

1. From a Home screen, touch  **Settings** → **Backup and reset**.
2. Touch **Automatic restore** to enable or disable automatic restoration of settings from the Google server.

Personal Data

Factory Data Reset

Use Factory data reset to return your device to its factory defaults. This setting erases all data from the device, including Google or other email account settings, system and application data and settings, and downloaded applications, as well as your music, photos, videos, and other files. If you reset the tablet in this way, the next time you turn on your tablet you are prompted to reenter the same kind of information as when you first started Android.

1. From a Home screen, touch  **Settings** → **Backup and reset**.
2. Touch **Factory data reset**.
The Factory data reset screen displays reset information.

3. Touch **Reset device**, then follow the prompts to perform the reset.

Note: If you have set up your Samsung account, it has to be deleted before performing this function. For more information, refer to “*Managing Accounts*” on page 146.

Accounts

Set up and manage accounts, including your Google accounts, Samsung accounts, and email accounts.

Your device provides the ability to synchronize information from a variety of accounts, including Email, Facebook, Google, and your Samsung account. Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

With synchronization, you can ensure that the information on your device is updated with any information that changes in your accounts.

Managing Accounts

To view the accounts you have added:

1. From a Home screen, touch  **Settings** → *(account)*.

The *(account)* is either Google, Samsung account, or some other account you have added, such as Email.

Each of your accounts (Google, Samsung, and so on) are listed under **Accounts**.

2. Touch **Sync all** to synchronize all accounts listed. Touch **Cancel sync** to stop the synchronization.
3. Touch an account to view the sync settings for that account.
 - Touch **Sync now** to synchronize all data for the selected account.
 - or –
 - Touch the account data to synchronize, such as, Calendar, Contacts, and so on.
 - To remove the account, touch **Remove account** and then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.
4. For Google accounts, touch one of the items listed under Privacy to view various settings for that item.
 - or –

For Samsung accounts, touch **Account settings** to manage Samsung account settings or **Device backup** to set Samsung account back up and restore options.

– or –

For Email accounts, touch **Settings** to manage various settings for that account.

Adding an Account

To add a new account:

1. From a Home screen, touch  **Settings** → **Add account**.
2. Touch one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.

Tip: For more information about the types of accounts that you can add, see “*Accounts*” on page 33.

Signing In to your Samsung Account

Several applications and options require that you create and sign in to a Samsung Account.

To sign in to your Samsung account:

1. From a Home screen, touch  **Settings** → **Add account**.
2. Touch  **Samsung account**.
The Samsung account sign in screen displays.
3. Touch **variety of services** to display information about Samsung services that are available.
4. If you have no Samsung account:
 - Touch **Create new account**.
The Country or region list displays.
 - Touch a country or region in the list (for example, United States).
The Samsung account Terms and conditions screen displays.
 - Touch **Privacy policy** to display the Samsung Privacy Policy.
 - Touch **I accept all the terms above** and then touch **Agree** to continue or touch  **Back** to return to the Samsung account screen.

– or –

If you do have a Samsung account, touch **Sign in**.

The Samsung account screen displays.

5. Use the keyboard to enter the required information and touch **Sign up** or **Sign in**.

Tip: The password is for your Samsung account, not the password you use for the email address you are entering. Plus, you can use only letters, numbers, !, @, \$, %, &, ^, and * for your Samsung account password.

The Settings screen displays with Samsung account listed under Accounts.

Motion

It is possible to control certain aspects of your tablet by simply tilting it. You can tilt your tablet to reduce or enlarge the screen. You can move an icon from one Home page to another by panning your device to the left or right while holding the icon.

1. From a Home screen, touch  **Settings** → **Motion**.
2. The following options are available:
 - Touch the **OFF / ON** icon   to activate each option.

- **Palm swipe to capture:** Once enabled, you can capture any on-screen information swiping across the screen. In a single motion, press the side of your hand on the screen and swipe from left to right. The image is then copied to the clipboard.
- **Palm touch to mute/pause:** Once enabled, you can pause any on-screen video or mute any current sound by simply covering the screen with your hand. Once you remove your hand from the screen, the device goes back to normal by either continuing to play the current video or unmuting the current sound.
- **Learn about hand motions:** Choose this option to display on-screen instructions for the **Palm swipe to capture** and **Palm touch to mute/pause**.

S Pen

Pen Attach/Detach Sound

To set the sound that is made when the pen is attached or detached from your tablet:

1. From a Home screen, touch  **Settings** → **S Pen**.
2. Touch **Pen attach/detach sound**.
3. Touch **Off**, **Sound1**, **Sound2**, or **Sound3**.

If a sound is chosen, a sound example plays.

Open Popup Note

When the S Pen is detached, a Popup note displays.

When enabled, a check mark  appears in the check box.

Battery Saving

To extend battery life when the pen is attached:

1. From a Home screen, touch  **Settings** → **S Pen**.
2. Touch **Battery saving**.

When enabled, a check mark  appears in the check box and, when the pen is attached, your tablet does not try to detect it.

Air View

To enable the air view pointer when using the S Pen:

1. From a Home screen, touch  **Settings** → **S Pen**.
2. Touch the **OFF / ON** icon   next to **Air view** to activate the option.
3. When enabled, touch **Air view** to enable the Pointer, Information preview, Icon labels (by pen nib), and List scrolling options. When enabled, a check mark  appears in the check box next to the option.

Sound and Haptic Feedback

To enable or disable sound and vibration when using the S Pen:

1. From a Home screen, touch  **Settings** → **S Pen**.
2. Touch **Sound and haptic feedback**.

When enabled, a check mark  appears in the check box.

Quick Command Settings

To create pen gestures to open selected applications or perform tasks:

1. From a Home screen, touch  **Settings** → **S Pen**.
2. Touch **Quick Command settings**.

The Quick Command settings screens displays existing gestures.

3. Touch  **Add a command** to set up a new gesture.

S Pen Help

To view S Pen help information:

1. From a Home screen, touch  **Settings** → **S Pen**.
2. Touch **S Pen help**.

3. Touch **Air view**, **Gesture**, or **Quick Command** to view the help information.

Accessory

This menu allows you to select the Dock sound, Audio output mode, and Audio output options when using a car or desk dock.

Dock

1. From a Home screen, touch  **Settings** → **Accessory**.
2. **Dock sound**: The tablet will not play sounds when inserting and removing the device from the dock when enabled.
When enabled, a check mark  appears in the check box.
3. **Audio output mode**: Select **Stereo** or **Surround** to choose the audio output mode while the device is docked.
When enabled, a check mark  appears in the check box.

HDMI

To set the HDMI (High-Definition Multimedia Interface) audio setting:

1. From a Home screen, touch  **Settings** → **Accessory**.
2. Touch **Audio output**.
3. Touch **Stereo** or **Surround** to set the audio output setting.

Date and Time

By default, your device receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

1. From a Home screen, touch  **Settings** → **Date and time**.
2. Tap **Automatic date and time** to allow the network to set the date and time.
3. Tap **Automatic time zone** to allow the network to set the time zone.

Important! Deactivate **Automatic date and time** to manually set the rest of the options.

4. Tap **Set date** and tap the up and down arrows to set the **Month, Day, and Year** then tap **Set**.
5. Tap **Set time** and tap the up and down arrows to set the **Hour, Minute, and PM/AM**, then tap **Set**.
6. Tap **Select time zone**, then tap a time zone.
7. Optional: Tap **Use 24-hour format**. If this is not selected the tablet automatically uses a 12-hour format.
8. Tap **Select date format** and tap the date format type.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Google Play and manage their use here.

System Accessibility

1. From a Home screen, touch  **Settings** → **Accessibility**.
2. Configure the following settings:
 - **Auto-rotate screen:** When this option is checked, the screen orientation changes when you rotate the device. When this option is not checked, the screen orientation locks in the current orientation (landscape or portrait) and the orientation does not change when you rotate the device.

Tip: Touch the Time in the System Bar to display the Quick Settings pop-up. Touch **Screen rotation** to enable or disable the auto-rotate feature. For more information, refer to “*Quick Settings*” on page 23.

- **Screen timeout:** Select the screen delay time the screen delays shutting off after inactivity for the selected period of time.
- Note:** The Lock automatically option only appears depending on the Screen lock setting. For more information, refer to “*Screen Lock*” on page 135.
- **Speak passwords:** Speaks passwords to enter them.

- **Accessibility shortcut:** Add a shortcut to Accessibility settings that displays when you press and hold the Power key.

Services Accessibility

Enable or disable accessibility services.

Note: You must activate **Accessibility** before enabling services.

1. From a Home screen, touch  **Settings** → **Accessibility**.
2. Touch **TalkBack** to activate TalkBack.
3. Touch the **OFF / ON** icon   to turn TalkBack on.
4. Touch **Settings** to configure TalkBack.

Important! TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.

Vision Accessibility

To set the font size:

1. From a Home screen, touch  **Settings** → **Accessibility**.
2. Touch **Font size**.
3. Touch a font size. Options are: Tiny, Small, Normal, Large, and Huge.

To set negative screen colors:

1. From a Home screen, touch  **Settings** → **Accessibility**.
2. Touch **Negative colors**.
When enabled, a check mark  appears in the check box.

To set voice output settings:

1. From a Home screen, touch  **Settings** → **Accessibility**.
2. Touch **Text-to-speech output** and select the preferred TTS engine. For more information, refer to “*Speech Settings*” on page 143.

To install accessibility scripts:

1. From a Home screen, touch  **Settings** → **Accessibility**.
2. Touch **Enhance web accessibility**.
3. Touch **Allow** to allow applications to install scripts from Google that make their Web content more accessible.

Hearing Accessibility

When Mono audio is enabled, you can listen through one earphone to mono audio sound.

1. From a Home screen, touch  **Settings** → **Accessibility**.
2. Tap the **Sound balance** field and use the slider to set the Left and Right balance when using a stereo device.
Touch **OK** to save or **Cancel** to discard.
3. Touch **Mono audio**.

When enabled, a check mark  appears in the check box.

To turn off all sounds including receiver voice:

1. From a Home screen, touch  **Settings** → **Accessibility**.
2. Touch **Turn off all sounds**.

When enabled, a check mark  appears in the check box.

Mobility Accessibility

This option allows you to set the Tap and hold delay time.

1. From a Home screen, touch  **Settings** → **Accessibility**.
2. Touch **Tap and hold delay**, and then touch a delay time.
Options are: Short, Medium, and Long.

Developer Options

Set options for application development.

1. From a Home screen, touch  **Settings** → **Developer options**.
2. Touch the **OFF / ON** icon  at the top of the screen to activate developer options.

Caution! These settings are intended for development use only. They can cause errors to occur on your device and with the applications on your device.

The following options are available:

- **Desktop backup password:** Protect the desktop with a backup password ID.
- **Stay awake:** The display screen does not go into sleep mode while charging.
- **Protect SD card:** Requires apps to ask your permission before accessing data on your SD card.
- **USB debugging:** When enabled, allows debugging when the device is attached to a PC by a USB cable.
- **Allow Mock Locations:** Used by developers when developing location-based applications.
- **Select app to be debugged:** Allows developers to select a specific application to debug.
- **Wait for debugger:** Specified apps must have debugger attached before executing.
- **Show touches:** Displays touch interactions on the screen.
- **Show pointer location:** Highlights the data that was touched on the screen.
- **Show layout boundaries:** Displays clip bounds, margins, and so on.

- **Show GPU view updates:** Flashes views inside windows when drawn with GPU.
- **Show screen updates:** Areas of the screen flash when they update.
- **Window animation scale:** Configure the scale for animation (ranges from off to 10x).
- **Transition animation scale:** Configure the scale for transitioning when using animation (ranges from off to 10x).
- **Animator duration scale:** Configure the scale for duration when using animation (ranges from off to 10x).
- **Disable hardware overlays:** Assigns the work of rendering to the GPU.
- **Force GPU rendering:** Allows the use of 2D hardware accelerations in applications.
- **Strict mode:** Makes the screen flash when applications perform long operations on the main thread.
- **Show CPU usage:** Screen highlights the current CPU usage.
- **GPU rendering profile:** Uses a 2D acceleration in applications.
- **Enable traces:** Enables/disables on-screen tracing based on an available parameter.

- **Do not keep activities:** Destroys every activity as soon as the application is closed.
- **Limit background processes:** Sets the number of processes that can run in the background.
- **Show all ANRs:** Displays a prompt when applications running in the background are not responding.

About Device

View information about your device, including status, legal information, hardware and software versions, and battery use.

1. From a Home screen, touch  **Settings** → **About device**.
2. Touch items to view details:
 - **Software update:** Connect to the network and download new software. For more information, refer to “*Software Update*” on page 155.
 - **Status:** View Battery status, Battery level, IP address, Wi-Fi MAC address, Bluetooth address, Serial number, Up time, and Device status.
 - **Legal information:** Displays **Open source licenses**, **Google legal**, and **License settings** information.

Tip: To find your device’s DivX® registration code and information about registering your device to play DivX protected video, touch **License settings** → **DivX® VOD**.

- **Model number:** Display your device’s model number.
- **Android version:** Display the firmware version of your device.
- **Baseband version:** displays the baseband version loaded on this handset.
- **Kernel version:** Display the kernel version of your device.
- **Build number:** Display your device’s build number.

Software Update

The Software Update feature enables you to use your device to connect to the network and download any new software directly to your device. The device automatically updates with the latest available software when you access this option.

Software Update Options

To register your device and check for a software update:

1. From a Home screen, touch  **Settings** → **About device** → **Software update**.
2. Touch **Check for updates**.

3. At the **AT&T Software update** prompt, tap **OK** to continue.
4. The tablet automatically updates the software (if available), otherwise, when the **Current software is up to date** prompt is displayed, tap **OK**.
5. When updating software, once the update file is downloaded, you can delay the update on the start screen by postponing it for a certain period of time. If you want to resume the update before the selected time, tap **Continue update**.

Section 11: Health and Safety Information

This device is capable of operating in Wi-Fi mode in the 2.4 and 5 GHz bands. The FCC requires that devices operating within 5.15-5.25 GHz may only be used indoors, not outside, in order to avoid interference with Mobile Satellite Services (MSS). Therefore, do not use this device outside as a Wi-Fi hotspot or in Wi-Fi Direct mode outside when using the 5.15-5.25 GHz band.

This section outlines the safety precautions associated with using your Galaxy Tab. The terms “GALAXY” or “mobile device” are used in this section to refer to your Galaxy Tab.
Read this information before using your mobile device.

Exposure to Radio Frequency (RF) Signals

Although GALAXY is not a cell phone, it can operate on the same network as cell phones and can use the same Radio Frequency (RF) signals to communicate with the network as a cell phone. Therefore, although the following information refers specifically to RF exposure from wireless phones, it may apply similarly to GALAXY when it is being used on a cell phone network.

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by

mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules.

Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at

http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at

<http://www.ukcosmos.org/index.html>.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at

http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at

<http://seer.cancer.gov/>.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hands-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>.

- Environmental Protection Agency (EPA):
<http://www.epa.gov/radtown/wireless-tech.html>.
- Occupational Safety and Health Administration (OSHA):
<http://www.osha.gov/SLTC/radiofrequencyradiation/>.
(Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/>.
- World Health Organization (WHO):
<http://www.who.int/peh-emf/en/>.
- International Commission on Non-Ionizing Radiation Protection:
<http://www.icnirp.de>.
- Health Protection Agency:
<http://www.hpa.org.uk/Topics/Radiation/>.
- US Food and Drug Administration:
<http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm>.

Specific Absorption Rate (SAR) Certification Information

Your wireless mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the mobile device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the mobile device while operating can be well below the maximum reported value. This is because the mobile device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the mobile device.

Before a new model mobile device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model mobile device are performed in positions and locations (e.g. near the body) as required by the FCC.

For typical operations, this mobile device has been tested and meets FCC SAR guidelines.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. This tablet has an FCC ID number: A3LSGHI467 [Model Number: SGH-I467] and the specific SAR levels for this tablet can be found at the following FCC website:

<http://www.fcc.gov/oet/ea/>.

The SAR information for this device can also be found on Samsung's website:

<http://www.samsung.com/sar>.

SAR information on this and other model mobile devices can be accessed online on the FCC's website through <http://transition.fcc.gov/oet/rfsafety/sar.html>. To find information that pertains to a particular model mobile device, this site uses the mobile device FCC ID number, which is usually printed somewhere on the case of the mobile device.

Once you have the FCC ID number for a particular mobile device, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular mobile device. Additional SAR information can also be

obtained at

<http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones>.

FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be

determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Smart Practices While Driving

On the Road - Off the Tablet

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or using a mobile device - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. **Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes**

impaired. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before using your device to chat with friends, consider your circumstances. Let the chat wait when driving conditions require. Remember, driving comes first, nothing else!

If you consider a chat necessary and appropriate, follow these tips:

- Use a hands-free device;
- Secure your mobile device within easy reach;
- Chat when you are not moving;
- Plan chats when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the chat if necessary;
- Do not take notes or look up information while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as Web browsing or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to <http://www.ctia.org>.

Battery Use and Safety

The battery in GALAXY is not intended to be replaced by the consumer. If you believe the battery is damaged or needs to be replaced, take the GALAXY to a service center for inspection and replacement.

- **Do not let the GALAXY or battery come in contact with liquids.** Liquids can get into the GALAXY's circuits, leading to corrosion. Even when the GALAXY appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the GALAXY and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.
- **Do not place your battery in or near a heat source.** Excessive heating can damage the GALAXY or the battery and could cause the GALAXY or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your GALAXY in your car in high temperatures.
- **Do not dispose of the GALAXY or the battery in a fire.** The GALAXY or the battery may explode when overheated.
- **Avoid dropping the GALAXY.** Dropping the GALAXY, especially on a hard surface, can potentially cause damage to the GALAXY. If you suspect damage to the GALAXY or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way.**

Important! Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your GALAXY.

WARNING!

Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the GALAXY caused by non-Samsung-approved batteries and/or chargers.

- **Do not use incompatible batteries and chargers.** Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible batteries and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard.**

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment.

Batteries must be recycled or disposed of properly.

For more information about recycling your GALAXY, go to:

<http://mobile.samsungusa.com/recycling/index.jsp> or call

1-800-822-8837 for more information.

To find the nearest recycling location, go to:

www.samsung.com/recyclingdirect or call 1-877-278-0799.

Warning! Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this mobile device has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the "Standard Limited Warranty".

GPS

GALAXY can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

Navigation

Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over

time. In some areas, complete information may not be available. **Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them.** All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.

Emergency Communication

GALAXY should not be relied upon for essential communications (medical emergencies, calls to 911, or communications to emergency services). GALAXY is not designed or intended to be used for such communications. Voice Over Internet Protocol (VOIP) services which may be used on GALAXY to make phone calls do not support 911 calls and are only intended for talking with friends.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits.

If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion. Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and Dirt

Do not expose your mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft

cloth slightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Responsible Listening

Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to

permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices).

Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.

- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300
Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet:

[http://www.audiology.org/Pages/
default.aspx](http://www.audiology.org/Pages/default.aspx)

**National Institute on Deafness and Other
Communication Disorders**

National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet:

<http://www.nidcd.nih.gov/>

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W., Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH

(1-800-356-4674)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet:

[http://www.cdc.gov/niosh/topics/noise/
default.html](http://www.cdc.gov/niosh/topics/noise/default.html)

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;

- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: <http://www.fcc.gov/oet/rfsafety/rf-faqs.html#>.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station).

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately, if applicable (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or use services that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with

the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers.

The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device. Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or坐itting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile device. Faulty service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment used in your vehicle are securely mounted.

- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- When using a headset in dry environments, static electricity can build up in the headset and cause a small quick static electrical shock. To minimize the risk of electrostatic discharge from the headset avoid using the headset in extremely dry environments or touch a grounded unpainted metal object to discharge static electricity before inserting the headset.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of network services to the offender, or legal action, or both.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.
- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.
- If your device has a camera flash or light, do not use the flash or light close to the eyes of people or pets. [122011]

Section 12: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG ELECTRONICS AMERICA, INC. ("SAMSUNG") warrants that SAMSUNG's devices and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Tablet	1 Year
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Batteries (Including Internal Batteries)	1 Year
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Case	90 Days
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Other Tablet Accessories	1 Year
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What is not covered?

This Limited Warranty is conditioned upon proper use of Product by Purchaser.

This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception

or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG Tablet for which it is specified.

What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, without charge to Purchaser, or at SAMSUNG's sole option, refund the purchase price.

SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period

equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. This Limited Warranty is extended to the Purchaser and is not transferable or assignable to any other person or entity.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, Purchaser must return the Product to an authorized Tablet service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address.

To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-800-SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

Purchaser should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY.

IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY TO YOU.

SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT USED IN CONJUNCTION WITH THE PRODUCT, OR THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE. RESPONSIBILITY FOR THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT RESTS SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT.

Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY.

Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The

arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are \$5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or \$50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees.

Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed \$5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting

out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Samsung Electronics America, Inc.

85 Challenger Road

Ridgefield Park, New Jersey 07660

Phone: 1-800-SAMSUNG

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End User License Agreement for Software

IMPORTANT. READ CAREFULLY: This End User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Samsung Electronics Co., Ltd. ("Samsung") for software, owned by Samsung and its affiliated companies and its third party

suppliers and licensors, that accompanies this EULA, which includes computer software and may include associated media, printed materials, "online" or electronic documentation in connection with your use of this device ("Software").

This device requires the use of preloaded software in its normal operation. BY USING THE DEVICE OR ITS PRELOADED SOFTWARE, YOU ACCEPT THE TERMS OF THIS EULA. IF YOU DO NOT ACCEPT THESE TERMS, DO NOT USE THE DEVICE OR THE SOFTWARE.

1. GRANT OF LICENSE. Samsung grants you the following rights provided that you comply with all terms and conditions of this EULA: You may install, use, access, display and run one copy of the Software on the local hard disk(s) or other permanent storage media of one computer and use the Software on a single computer or a mobile device at a time, and you may not make the Software available over a network where it could be used by multiple computers at the same time. You may make one copy of the Software in machine readable form for backup purposes only; provided that the backup copy must include all copyright or other proprietary notices contained on the original.

Certain items of the Software may be subject to open source licenses. The open source license provisions may override some of the terms of this EULA. We make the applicable open source licenses available to you on the Legal Notices section of the Settings menu of your device.

2. RESERVATION OF RIGHTS AND OWNERSHIP. Samsung reserves all rights not expressly granted to you in this EULA. The Software is protected by copyright and other intellectual property laws and treaties. Samsung or its suppliers own the title, copyright and other intellectual property rights in the Software. The Software is licensed, not sold.

3. LIMITATIONS ON END USER RIGHTS. You may not reverse engineer, decompile, disassemble, or otherwise attempt to discover the source code or algorithms of, the Software (except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation), or modify, or disable any features of, the Software, or create derivative works based on the Software. You may not rent, lease, lend, sublicense or provide commercial hosting services with the Software.

4. CONSENT TO USE OF DATA. You agree that Samsung and its affiliates may collect and use technical information gathered as part of the product support services related to the

Software provided to you, if any, such as IMEI (your device's unique identification number), device number, model name, customer code, access recording, your device's current SW version, MCC (Mobile Country Code), MNC (Mobile Network Code). Samsung and its affiliates may use this information solely to improve their products or to provide customized services or technologies to you and will not disclose this information in a form that personally identifies you. At all times your information will be treated in accordance with Samsung's Privacy Policy, which can be viewed at:
<http://account.samsung.com/membership/pp>.

5. SOFTWARE UPDATES. Samsung may provide to you or make available to you updates, upgrades, supplements and add-on components (if any) of the Software, including bug fixes, service upgrades (parts or whole), products or devices, and updates and enhancements to any software previously installed (including entirely new versions), (collectively "Update") after the date you obtain your initial copy of the Software to improve the Software and ultimately enhance your user experience with your device. This EULA applies to all and any component of the Update that Samsung may provide to you or make available to you after the date you obtain your initial copy of the Software, unless we provide other terms along with such Update. To use Software

provided through Update, you must first be licensed for the Software identified by Samsung as eligible for the Update. After the Update, you may no longer use the Software that formed the basis for your Update eligibility. The updated Software version may add new functions and, in some limited cases, may delete existing functions.

While the Update will be generally available, in some limited circumstances, the Software updates will only be offered by your network carrier, and such Software updates will be governed by your contractual relationship with your network carrier.

With the “Automatic Update” function enabled (as in the default setting in the System Update menu in the Setting), your device downloads some Updates automatically from time to time. Your device will, however, ask for your consent before installing any Update. If you choose to disable the “Automatic Update” function, then you can check the availability of new Updates by clicking on the “Check Update” menu in the Setting. We recommend that you check availability of any new Updates periodically for optimal use of your device. If you want to avoid any use of network data for the Update downloads, then you should choose the “Wi-Fi

Only” option in the Setting. (Regardless of the option you choose, the “Automatic Update” function downloads Updates only through Wi-Fi connection.)

6. Some features of the Software may require your device to have access to the internet and may be subject to restrictions imposed by your network or internet provider. Unless your device is connected to the internet through Wi-Fi connection, the Software will access through your mobile network, which may result in additional charges depending on your payment plan. In addition, your enjoyment of some features of the Software may be affected by the suitability and performance of your device hardware or data access.

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